

EPA Registration No.
87583-3
Vol. 1

RISK ASSIGNMENT FORM
Antimicrobial Division/Regulatory Management Branch I

A	Completed by Product Manager						
PRODUCT REVIEWER: <i>Em. I. n</i>					RMBI <u>TEAM 31</u>		
Type of Action: <i>Not. F. int. n</i>					EPA File Symbol/Reg No. <i>87583-3</i>		
Decision No. <i>486753</i>		Submission No. <i>945509</i>		Fee for Service Action Code:			
FQPA Action Code: <i>332</i>		Non-FQPA Action Code:		PRIA FEE AMOUNT:			
		MONTH	DAY	YEAR			
APPLICATION DATE		<i>12</i>	<i>23</i>	2014			
EPA PIN DATE		<i>12</i>	<i>27</i>	2014			
DATE PM RECEIVED FROM FRONT END				2014			
DATE SENT TO SCIENCE							
DATE RECEIVED FROM SCIENCE							
DATE DUE TO PM							
Type of Data:	PSB Product Chemistry	PSB Acute Toxicology	PSB Efficacy	RASSB Environmental Fate	RASSB Ecological Effects	RASSB Chronic Toxicology	RASSB Exposure/Residue
ATTACHMENTS: -LABELING €-CSF(S) €-DATA €-OTHERS							
B	For Arctic Slope Contract Only						
	Contract No.: 0052		ARCTIC SLOPE/MANAGER				
	Final Task: Signature _____ (Total hrs)						
C	Reviewer Comments:						
DATE FEE PAID:				RESPONSE CODE:		RESPONSE DATE:	

RISK ASSIGNMENT FORM
Antimicrobial Division/Regulatory Management Branch I

A		Completed by Product Manager					
PRODUCT REVIEWER: <i>Emilia</i>					RMBI <u>TEAM 31</u>		
Type of Action: <i>Not. Gicent.</i>					EPA File Symbol/Reg No. <i>87583-3</i>		
Decision No. <i>487421</i>		Submission No. <i>946975</i>		Fee for Service Action Code:			
FQPA Action Code: <i>332</i>		Non-FQPA Action Code:		PRIA FEE AMOUNT:			
		MONTH		DAY		YEAR	
APPLICATION DATE		<i>1</i>		<i>29</i>		2014	
EPA PIN DATE		<i>1</i>		<i>31</i>		2014	
DATE PM RECEIVED FROM FRONT END		<i>march</i>		<i>5</i>		2014	
DATE SENT TO SCIENCE							
DATE RECEIVED FROM SCIENCE							
DATE DUE TO PM							
Type of Data:	PSB Product Chemistry	PSB Acute Toxicology	PSB Efficacy	RASSB Environmental Fate	RASSB Ecological Effects	RASSB Chronic Toxicology	RASSB Exposure/Residue
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Kevin Kutcel
Agent for PureShield, Inc.
KRK Consulting, LLC
5807 Churchill Way
Medina, OH 44256

JAN 22 2014

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

SUBJECT: BioProtect AM50, BioProtect RTU, Black by Trophy Quest
EPA Registration Number: 87583-3
Application Date: December 23, 2013
Receipt Date: December 27, 2013

Dear Mr. Kutcel:

This letter acknowledges receipt of the notification identified above submitted under provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended and PR Notice 98-10.

- To update label language by removing "an adjunct" from fogging claim.

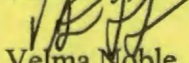
Based on a review of the submitted information, these notifications are not acceptable. The second paragraph on page 2 of the label contains fogging claim for disinfection. You can use fogger for cleaning and removing odor causing bacteria. Any references to disinfection or sanitization must be supported by efficacy data.

Your submissions will be acceptable if you revise the fogging directions to read:
"...Fogging is supplemental to normal cleaning procedures and practices..."

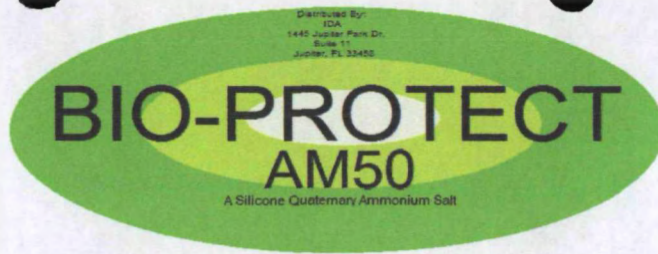
General Comments

Should you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347-0109 or Velma Noble at (703) 308-6233.

Sincerely,


Velma Noble

Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)



Active Ingredient: 3-(trihydroxysilyl)propyldimethyloctadecyl ammonium chloride.....**0.50%**
Other Ingredients:**99.50%**
TOTAL
INGREDIENTS:**100.00%**

KEEP OUT OF REACH OF CHILDREN

EPA Reg. No. 87583-3

EPA EST. No. xxxxxx-xx-xxx

NET CONTENTS: 2,4,6,8,12,16,32 oz or 1,5,30,55,275 Gallons

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

Manufactured by: PureShield Inc., 1445 Jupiter Park Drive, Suite 11, Jupiter, FL 33458

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of Bio-Protect AM50 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of Bio-Protect AM50.

Residential use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE

Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Bio-Protect AM50 can be applied to organic or inorganic substrates by fogging. All surfaces must be cleaned prior to fogging. Fogging is supplement to normal cleaning and disinfection procedures and practices. Fogging can be used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities.

1. Prior to fogging, remove and carefully protect all food products and packaging materials.
2. Fog areas using one gallon per 1000 cu. ft. of room area .
3. Allow surfaces to drain thoroughly and air dry before operations are resumed.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply Bio-Protect AM50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Bio-Protect AM50 when used as a concrete additive is added directly concrete preparation. Use 60 fluid ounces per cubic feet of concrete. Addition of Bio-Protect AM50 reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in Bio-Protect AM50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. Bio-Protect AM50 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains



- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wood/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial appliances used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities

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The active ingredient in Bio-Protect AM50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. Bio-Protect AM50 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces

- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel
-

For Pump Spray Application: Using pump sprayer, spray entire area 4"-6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Bio-Protect AM50 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more Bio-Protect AM50 may be required due to absorption. A fan may be used to assist in drying carpet.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, and pressure sprayers) apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Bio-Protect AM50 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more Bio-Protect AM50 may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpet.

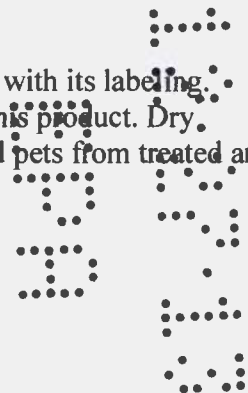
For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Bio-Protect AM50 solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperature or at temperatures to a maximum of 160°C (320°F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply Bio-Protect AM50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

DIRECTIONS FOR USE

For residential applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.



Approved residential uses

The active ingredient in Bio-Protect AM50 is effective against odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae as a static agent.

	Pest controlled	Method of Application
Bed sheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). Bio-Protect AM50 can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefin, polypropylene, rayon, silk, spandex, vinyl, and wool.	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Bio-Protect AM50 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid from treated item. For larger items (e.g. bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). If necessary, reapply Bio-Protect AM50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply Bio-Protect AM50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>
	Pest controlled	Method of Application
Air filters and air filter material for: <ul style="list-style-type: none"> Furnaces, air conditioners Air purification 	Odor-causing bacteria, bacteria which cause staining and	<p>SPRAY: When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply Bio-Protect AM50 every three</p>

systems <ul style="list-style-type: none"> • Automobiles • Recirculating air handling systems • Vacuum cleaner filters • Aquariums 	discoloration, fungi (mold and mildew), and algae	months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Carpeting	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>SPRAY: Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted Bio-Protect AM50 solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. Bio-Protect AM50 treats approximately 200 square feet per gallon (50 square feet per quart). When treating coarser substrates (e.g., wool carpeting), more Bio-Protect AM50 may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply Bio-Protect AM50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>
	Pest controlled	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass,	Odor-causing bacteria, bacteria which cause staining and	<p>SPRAY: Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with</p>

nylon, polyester, polyethylene, polyolefin, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon, or wool	discoloration, and fungi (mold and mildew)	moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply Bio-Protect AM50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tents, tarpaulins, wood, sails, ropes.	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	<p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply Bio-Protect AM50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p> <p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Bio-Protect AM50 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply Bio-Protect AM50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	Pest controlled	Method of Application
Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats)	Odor-causing bacteria, bacteria which cause staining and discoloration,	<p>SPRAY: Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface, making sure the surface is completely covered. After applying Bio-Protect AM50, let stand until dry. Bio-Protect AM50 treats approximately 200 square feet of roofing per gallon (50 square feet per quart). If necessary,</p>

	fungi (mold and mildew), and algae	reapply Bio-Protect AM50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Buffer pads (polishing and abrasive), polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply Bio-Protect AM50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, Formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Using a trigger pump sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply Bio-Protect AM50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Inhibits the growth of odor causing bacteria between cleanings.

Inhibits the growth of bacteria which cause staining and discoloration between cleanings.

Inhibits the growth of fungi (mold and mildew) between cleanings.

Inhibits the growth of algae between cleanings.

Inhibits the growth of odor causing bacteria which cause staining and discoloration, fungi (mold and mildew), and algae between cleanings.

Mold, mildew, odor protector and inhibitor.

Bio-Protect AM50 is an antimicrobial agent effective against odor causing bacteria.

Bio-Protect AM50 is an antimicrobial agent effective against bacteria which cause staining and discoloration.

Bio-Protect AM50 is an antimicrobial agent effective against fungi (mold and mildew).

Bio-Protect AM50 is an antimicrobial agent effective against algae.

Bio-Protect AM50, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

Bio-Protect AM50, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow in even the cleanest of homes.

Bio-Protect AM50, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces made of fiberglass, glazed porcelain, Formica, stainless steel, synthetic marble.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **[For homeowner use the statement will read: "Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site."]**

Container Handling: (containers intended for residential users) Nonrefillable/container. Do not reuse or refill the container. Securely wrap original container in several layers of newspaper and discard in trash or offer for recycling if available.

Container Handling: (containers intended for nonresidential users, larger than 5 gallons) Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Dispose of rinsate as pesticide waste. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

Container Handling: (containers intended for nonresidential users, smaller than 5 gallons) Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING PURESIELD INC. AT 1445 JUPITER PARK DRIVE, SUITE 11, JUPITER, FL 33458.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

PureShield Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use. PURESIELD INC. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESSED OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.

Bio-Protect RTU

Provides an invisible microbiostatic coating

Active Ingredient: 3-(trihydroxysilyl)propyldimethyloctadecyl ammonium chloride.....0.50%
Other Ingredients:99.50%
TOTAL
INGREDIENTS:100.00%

KEEP OUT OF REACH OF CHILDREN

EPA Reg. No. 87583-3

EPA EST. No. xxxxxx-xx-xxx

NET CONTENTS: 2,4,6,8,12,16,32 oz or 1,5,30,55,275 Gallons

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

Manufactured by: PureShield Inc., 1445 Jupiter Park Drive, Suite 11, Jupiter, FL 33458

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of Bio-Protect RTU can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of Bio-Protect RTU.

Residential use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE

Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Bio-Protect RTU can be applied to organic or inorganic substrates by fogging. All surfaces must be cleaned prior to fogging. Fogging is supplement to normal cleaning and disinfection procedures and practices. Fogging can be used in homes, offices, automobiles and institutions, schools, hospitals, daycare centers, churches, correctional facilities.

1. Prior to fogging, remove and carefully protect all food products and packaging materials.
2. Fog areas using one gallon per 1000 cu. ft. of room area .
3. Allow surfaces to drain thoroughly and air dry before operations are resumed.

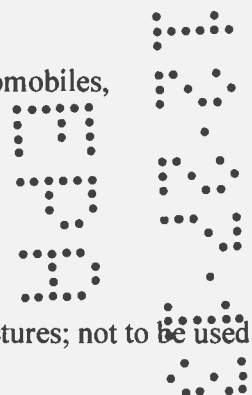
Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Bio-Protect RTU when used as a concrete additive is added directly concrete preparation. Use 60 fluid ounces per cubic feet of concrete. Addition of Bio-Protect RTU reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in Bio-Protect RTU is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. Bio-Protect RTU can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains



- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wood/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial appliances used in homes, offices, automobiles and institutions, schools, hospitals, daycare centers, churches, correctional facilities...

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles and face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

The active ingredient in Bio-Protect RTU is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. Bio-Protect RTU can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces

- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

For Pump Spray Application: Using pump sprayer, spray entire area 4"-6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Bio-Protect RTU treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more Bio-Protect RTU may be required due to absorption. A fan may be used to assist in drying carpet.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, and pressure sprayers) apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Bio-Protect RTU treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more Bio-Protect RTU may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpet.

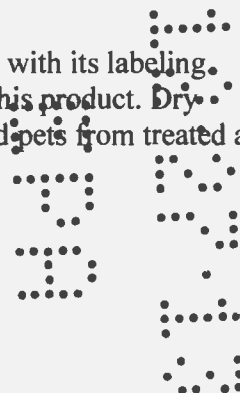
For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Bio-Protect RTU solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperature or at temperatures to a maximum of 160°C (320°F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

DIRECTIONS FOR USE

For residential applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.



Approved residential uses

The active ingredient in Bio-Protect RTU is effective against odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae as a static agent.

	Pest controlled	Method of Application
Bed sheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). Bio-Protect RTU can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefin, polypropylene, rayon, silk, spandex, vinyl, and wool.	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Bio-Protect RTU solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid from treated item. For larger items (e.g. bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>
	Pest controlled	Method of Application
Air filters and air filter material for: <ul style="list-style-type: none"> Furnaces, air conditioners Air purification 	Odor-causing bacteria, bacteria which cause staining and	<p>SPRAY: When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply Bio-Protect RTU every three</p>

systems <ul style="list-style-type: none"> • Automobiles • Recalculating air handling systems • Vacuum cleaner filters • Aquariums 	discoloration, fungi (mold and mildew), and algae	months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Carpeting	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>SPRAY: Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted Bio-Protect RTU solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. Bio-Protect RTU treats approximately 200 square feet per gallon (50 square feet per quart). When treating coarser substrates (e.g., wool carpeting), more Bio-Protect RTU may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>
	Pest controlled	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass,	Odor-causing bacteria, bacteria which cause staining and	<p>SPRAY: Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes, and wipe dry with cloth or sponge. If spotting occurs, wipe with</p>

nylon, polyester, polyethylene, polyolefin, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon, or wool	discoloration, and fungi (mold and mildew)	moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tents, tarpaulins, wood, sails, ropes.	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	<p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p> <p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Bio-Protect RTU solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	Pest controlled	Method of Application
Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats)	Odor-causing bacteria, bacteria which cause staining and discoloration,	<p>SPRAY: Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface, making sure the surface is completely covered. After applying Bio-Protect RTU, let stand until dry. Bio-Protect RTU treats approximately 200 square feet of roofing per gallon (50 square feet per quart). If necessary,</p>

	fungi (mold and mildew), and algae	reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Buffer pads (polishing and abrasive), polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, Formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Using a trigger pump sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Inhibits the growth of odor causing bacteria between cleanings.

Inhibits the growth of bacteria which cause staining and discoloration between cleanings.

Inhibits the growth of fungi (mold and mildew) between cleanings.

Inhibits the growth of algae between cleanings.

Inhibits the growth of odor causing bacteria which cause staining and discoloration, fungi (mold and mildew), and algae between cleanings.

Mold, mildew, odor protector and inhibitor.

Bio-Protect RTU is an antimicrobial agent effective against odor causing bacteria.

Bio-Protect RTU is an antimicrobial agent effective against bacteria which cause staining and discoloration.

Bio-Protect RTU is an antimicrobial agent effective against fungi (mold and mildew).

Bio-Protect RTU is an antimicrobial agent effective against algae.

Bio-Protect RTU, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

Bio-Protect RTU, and antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow in even the cleanest of homes.

Bio-Protect RTU, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces made of fiberglass, glazed porcelain, Formica, stainless steel, synthetic marble.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

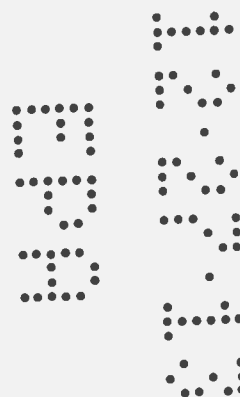
Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **[For homeowner use the statement will read: "Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site."]**

Container Handling: (containers intended for residential users) Nonrefillable/container. Do not reuse or refill the container. Securely wrap original container in several layers of newspaper and discard in trash or offer for recycling if available.

Container Handling: (containers intended for nonresidential users, larger than 5 gallons) Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Dispose of rinsate as pesticide waste. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

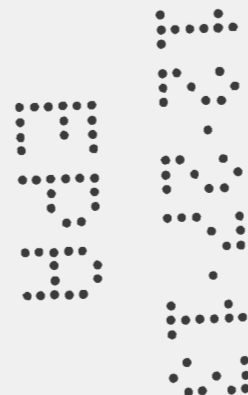
Container Handling: (containers intended for nonresidential users, smaller than 5 gallons) Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.



FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING PURESHIELD INC. AT 1445 JUPITER PARK DRIVE, SUITE 11, JUPITER, FL 33458.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

PureShield Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use. PURESHIELD INC. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESSED OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.



Black By Trophy Quest

Provides an invisible microbiostatic coating

Active Ingredient: 3-(trihydroxysilyl)propyldimethyloctadecyl ammonium chloride.....0.50%
Other Ingredients:99.50%
TOTAL
INGREDIENTS:100.00%

KEEP OUT OF REACH OF CHILDREN

EPA Reg. No. 87583-3

EPA EST. No. xxxxx-xx-xxx

NET CONTENTS: 2,4,6,8,12,16,32 oz or 1,5,30,55,275 Gallons

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

Manufactured by: PureShield Inc., 1445 Jupiter Park Drive, Suite 11, Jupiter, FL 33458

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of Black By Trophy Quest can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of Black By Trophy Quest.

Residential use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE

Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Black By Trophy Quest can be applied to organic or inorganic substrates by fogging. All surfaces must be cleaned prior to fogging. Fogging is supplement to normal cleaning and disinfection procedures and practices. Fogging can be used in homes, offices, automobiles and institutions, schools, hospitals, daycare centers, churches, correctional facilities.

1. Prior to fogging, remove and carefully protect all food products and packaging materials.
2. Fog areas using one gallon per 1000 cu. ft. of room area .
3. Allow surfaces to drain thoroughly and air dry before operations are resumed.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Black By Trophy Quest when used as a concrete additive is added directly concrete preparation. Use 60 fluid ounces per cubic feet of concrete. Addition of Black By Trophy Quest reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in Black By Trophy Quest is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. Black By Trophy Quest can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains

- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wood/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial appliances used in homes, offices, automobiles and institutions, schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles and face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

The active ingredient in Black By Trophy Quest is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. Black By Trophy Quest can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces

- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

For Pump Spray Application: Using pump sprayer, spray entire area 4"-6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Black By Trophy Quest treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more Black By Trophy Quest may be required due to absorption. A fan may be used to assist in drying carpet.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, and pressure sprayers) apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Black By Trophy Quest treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more Black By Trophy Quest may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpet.

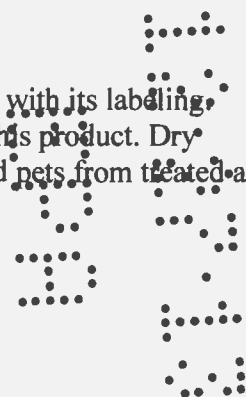
For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Black By Trophy Quest solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperature or at temperatures to a maximum of 160°C (320°F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

DIRECTIONS FOR USE

For residential applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.



Approved residential uses

The active ingredient in Black By Trophy Quest is effective against odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae as a static agent.

	Pest controlled	Method of Application
Bed sheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). Black By Trophy Quest can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefin, polypropylene, rayon, silk, spandex, vinyl, and wool.	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Black By Trophy Quest solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid from treated item. For larger items (e.g. bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>
	Pest controlled	Method of Application
Air filters and air filter material for: <ul style="list-style-type: none"> Furnaces, air conditioners 	Odor-causing bacteria, bacteria which cause	<p>SPRAY: When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until</p>

<ul style="list-style-type: none"> • Air purification systems • Automobiles • Recalculating air handling systems • Vacuum cleaner filters • Aquariums 	staining and discoloration, fungi (mold and mildew), and algae	dry. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Carpeting	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>SPRAY: Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted Black By Trophy Quest solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and colorfastness of carpets by treating and drying a small concealed area prior to application. Black By Trophy Quest treats approximately 200 square feet per gallon (50 square feet per quart). When treating coarser substrates (e.g., wool carpeting), more Black By Trophy Quest may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>
	Pest controlled	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics,	Odor-causing bacteria, bacteria which cause	<p>SPRAY: Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and</p>

cotton, fiberglass, nylon, polyester, polyethylene, polyolefin, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon, or wool	staining and discoloration, and fungi (mold and mildew)	wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tents, tarpaulins, wood, sails, ropes.	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	<p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p> <p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Black By Trophy Quest solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	Pest controlled	Method of Application
Roofing materials (such as shingles, roofing granules, wood shakes, felt,	Odor-causing bacteria, bacteria which cause	<p>SPRAY: Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface, making sure the surface is completely covered. After applying Black By Trophy Quest, let stand</p>

stone, synthetic overcoats)	staining and discoloration, fungi (mold and mildew), and algae	until dry. Black By Trophy Quest treats approximately 200 square feet of roofing per gallon (50 square feet per quart). If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Buffer pads (polishing and abrasive), polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, Formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Using a trigger pump sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Inhibits the growth of odor causing bacteria between cleanings.

Inhibits the growth of bacteria which cause staining and discoloration between cleanings.

Inhibits the growth of fungi (mold and mildew) between cleanings.

Inhibits the growth of algae between cleanings.

Inhibits the growth of odor causing bacteria which cause staining and discoloration, fungi (mold and mildew), and algae between cleanings.

Mold, mildew, odor protector and inhibitor.

Black By Trophy Quest is an antimicrobial agent effective against odor causing bacteria.

Black By Trophy Quest is an antimicrobial agent effective against bacteria which cause staining and discoloration.

Black By Trophy Quest is an antimicrobial agent effective against fungi (mold and mildew).

Black By Trophy Quest is an antimicrobial agent effective against algae.

Black By Trophy Quest, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

Black By Trophy Quest, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow in even the cleanest of homes.

Black By Trophy Quest, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces made of fiberglass, glazed porcelain, Formica, stainless steel, synthetic marble.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **[For homeowner use the statement will read: "Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site."]**

Container Handling: (containers intended for residential users) Nonrefillable/container. Do not reuse or refill the container. Securely wrap original container in several layers of newspaper and discard in trash or offer for recycling if available.

Container Handling: (containers intended for nonresidential users, larger than 5 gallons) Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Dispose of rinsate as pesticide waste. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

Container Handling: (containers intended for nonresidential users, smaller than 5 gallons) Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING PURESHIELD INC. AT 1445 JUPITER PARK DRIVE, SUITE 11, JUPITER, FL 33458.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

PureShield Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use. PURESHIELD INC. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESSED OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.

KRK Consulting LLC

5807 Churchill Way

Medina, OH 44256

Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

December 23, 2013

Ms. Emilia Oiguenblik
US Environmental Protection Agency (NOTIF)
Office of Pesticide Programs
Antimicrobial Division (S-8824)
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: Notification – Response to letter dated December 17, 2013 (EPA No. 87583-3)
“Bio-Protect AM50”

Dear Ms. Oiguenblik,

In response to your letters dated December 17, 2013 (see attached), please find three (3) copies of the amended master label “Bio-Protect AM50” in which “an adjunct” has been removed on page 2 for the fogging claim.

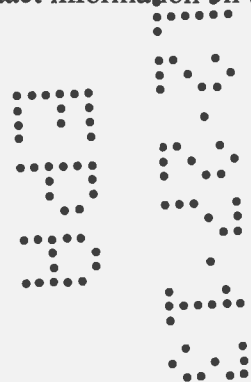
Attached is EPA Form 8570-1 regarding this notification as required in PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA’s regulations at 40 CFR 156.46, 156.140, 156.144, 156.146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for PureShield Inc. and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards,



Kevin R. Kutcel,
Agent for PureShield Inc.





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number PureShield Inc. / 87583-3	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PureShield Inc. / Bio-Protect AM50	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) PureShield Inc. 1445 Jupiter Park Drive, #11 Jupiter, FL 33458 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Please read attached cover letter.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 5, 4, 6, 8, 12, 16, 32 oz 1, 5, 30, 55, 275 gallons		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Kevin Kutcel		Title Agent	
		Telephone No. (Include Area Code) 440-263-7305	
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)	
2. Signature 		3. Title Agent	
4. Typed Name Kevin Kutcel		5. Date 12/23/2013	

KRK Consulting LLC

5807 Churchill Way

Medina, OH 44256

Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

December 23, 2013

Ms. Emilia Oiguenblik
US Environmental Protection Agency (NOTIF)
Office of Pesticide Programs
Antimicrobial Division (S-8824)
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: Notification – Response to letter dated December 17, 2013 (EPA No. 87583-3)
“Black by Trophy Quest”

Dear Ms. Oiguenblik,

In response to your letter dated December 17, 2013 (see attached), please find three (3) copies of the amended label in which “an adjunct” has been removed on page 2 for the fogging claim.

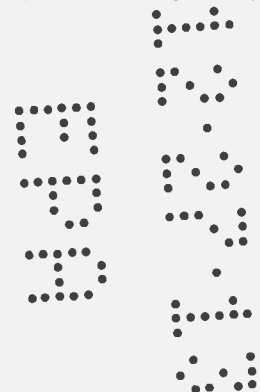
Attached is EPA Form 8570-1 regarding this notification as required in PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA’s regulations at 40 CFR 156.46, 156.140, 156.144, 156.146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for PureShield Inc. and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards,



Kevin R. Kutcel,
Agent for PureShield Inc.





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number PureShield Inc. / 87583-3	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PureShield Inc. / Black By Trophy Quest	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) PureShield Inc. 1445 Jupiter Park Drive, #11 Jupiter, FL 33458 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <input checked="" type="checkbox"/> EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Please read attached cover letter.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2, 4, 6, 8, 12, 16, 32 oz 1, 5, 30, 55, 275 gallons		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Kevin Kutcel		Title Agent	
		Telephone No. (Include Area Code) 440-263-7385	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Agent	
4. Typed Name Kevin Kutcel		5. Date 12/23/2013	

KRK Consulting LLC

5807 Churchill Way

Medina, OH 44256

Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

December 23, 2013

Ms. Emilia Oiguenblik
US Environmental Protection Agency (NOTIF)
Office of Pesticide Programs
Antimicrobial Division (S-8824)
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: Notification – Response to letter dated December 17, 2013 (EPA No. 87583-3)
“Bio-Protect RTU”

Dear Ms. Oiguenblik,

In response to your letter dated December 17, 2013 (see attached), please find three (3) copies of the amended label in which “an adjunct” has been removed on page 2 for the fogging claim.

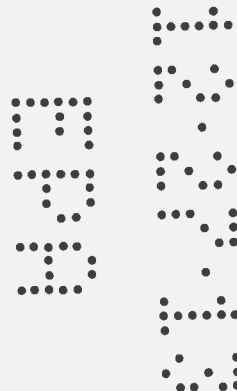
Attached is EPA Form 8570-1 regarding this notification as required in PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA’s regulations at 40 CFR 156.46, 156.140, 156.144, 156.146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for PureShield Inc. and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards,



Kevin R. Kutcel,
Agent for PureShield Inc.





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number PureShield Inc. / 87583-3	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PureShield Inc. / Bio-Protect RTU	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) PureShield Inc. 1445 Jupiter Park Drive, #11 Jupiter, FL 33458 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <input checked="" type="checkbox"/> EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Please read attached cover letter.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2, 4, 6, 8, 12, 16, 32 oz 1, 5, 30, 55, 275 gallons		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Kevin Kutcel		Title Agent	
		Telephone No. (Include Area Code) 440-263-7305	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment as both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Agent	
4. Typed Name Kevin Kutcel		5. Date 12/23/2013	

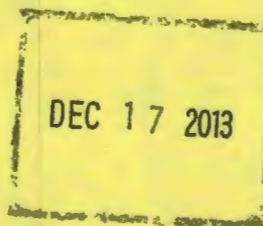
RISK ASSIGNMENT FORM
Antimicrobial Division/Regulatory Management Branch I

A	Completed by Product Manager						
PRODUCT REVIEWER: <i>Emilia</i>					RMBI <u>TEAM 31</u>		
Type of Action: <i>Notification</i>					EPA File Symbol/Reg No. <i>87583-3</i>		
Decision No. <i>485297</i>		Submission No. <i>87583</i>		Fee for Service Action Code:			
FQPA Action Code:		Non-FQPA Action Code:		PRIA FEE AMOUNT:			
		MONTH	DAY	YEAR			
APPLICATION DATE		<i>Nov</i>	<i>18</i>	<i>2013</i>			
EPA PIN DATE		<i>Nov</i>	<i>20</i>	<i>2013</i>			
DATE PM RECEIVED FROM FRONT END				<i>2013</i>			
DATE SENT TO SCIENCE							
DATE RECEIVED FROM SCIENCE							
DATE DUE TO PM		<i>Dec.</i>	<i>20</i>	<i>2013</i>			
Type of Data:	PSB Product Chemistry	PSB Acute Toxicology	PSB Efficacy	RASSB Environmental Fate	RASSB Ecological Effects	RASSB Chronic Toxicology	RASSB Exposure/Residue
ATTACHMENTS: -LABELING -CSF(S) -DATA -OTHERS							
B	For Arctic Slope Contract Only						
	Contract No.: 0052		ARCTIC SLOPE/MANAGER				
	Final Task: Signature _____ (Total hrs) _____						
C	Reviewer Comments:						
DATE FEE PAID:				RESPONSE CODE:		RESPONSE DATE:	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Kevin Kutcel
Agent for PureShield, Inc.
KRK Consulting, LLC
5807 Churchill Way
Medina, OH 44256



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

SUBJECT: Bio-Protect RTU
EPA Registration Number: 87583-3
Application Date: November 18, 2013
Receipt Date: November 20, 2013

Dear Mr. Kutcel:

This letter acknowledges receipt of the notification identified above submitted under provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended and PR Notice 98-10.

- To make the label corrections in accordance to the master label approved on July 1, 2013.

Based on a review of the submitted information, this notification is not acceptable. The second paragraph on page 2 of the label contains "an adjunct" fogging claim for disinfection. The Agency now does not accept adjunct claims because it is not possible define what is meant by adjunct. You can use fogger for cleaning and removing odor causing bacteria. Any references to disinfection or sanitization must be supported by efficacy data.

Your submission will be acceptable if you revise the fogging directions to read:
"...Fogging is supplemental to normal cleaning procedures and practices..."

The same correction must be done on the master label. For references see an attached letter dated 4/1/2013.

General Comments

Should you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347-0109 or Velma Noble at (703) 308-6233.

Sincerely,

for
Tracy Lark
Velma Noble

Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7:10P)

Bio-Protect RTU

Provides an invisible microbiostatic coating

Active Ingredient: 3-(trihydroxysilyl)propyldimethyloctadecyl ammonium chloride.....0.50%
Other Ingredients:99.50%
TOTAL
INGREDIENTS:100.00%

KEEP OUT OF REACH OF CHILDREN

EPA Reg. No. 87583-3

EPA EST. No. xxxxx-xx-xxx

NET CONTENTS: 2,4,6,8,12,16,32 oz or 1,5,30,55,275 Gallons

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

Manufactured by: PureShield Inc., 1445 Jupiter Park Drive, Suite 11, Jupiter, FL 33458

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters, unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of Bio-Protect RTU can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of Bio-Protect RTU.

Residential use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE

Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Bio-Protect RTU can be applied to organic or inorganic substrates by fogging. All surfaces must be cleaned prior to fogging. Fogging is an adjunct or supplement to normal cleaning and disinfection procedures and practices. Fogging can be used in homes, offices, automobiles and institutions, schools, hospitals, daycare centers, churches, correctional facilities.

1. Prior to fogging, remove and carefully protect all food products and packaging materials.
2. Fog areas using one gallon per 1000 cu. ft. of room area .
3. Allow surfaces to drain thoroughly and air dry before operations are resumed.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Bio-Protect RTU when used as a concrete additive is added directly concrete preparation. Use 60 fluid ounces per cubic feet of concrete. Addition of Bio-Protect RTU reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in Bio-Protect RTU is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. Bio-Protect RTU can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains

- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials -- defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wood/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial appliances used in homes, offices, automobiles and institutions, schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles and face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

The active ingredient in Bio-Protect RTU is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. Bio-Protect RTU can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wood/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces

- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel
-

For Pump Spray Application: Using pump sprayer, spray entire area 4"-6"s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Bio-Protect RTU treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more Bio-Protect RTU may be required due to absorption. A fan may be used to assist in drying carpet.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, and pressure sprayers) apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Bio-Protect RTU treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more Bio-Protect RTU may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpet.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Bio-Protect RTU solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperature or at temperatures to a maximum of 160°C (320°F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

DIRECTIONS FOR USE

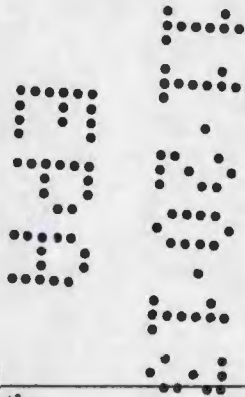
For residential applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved residential uses

The active ingredient in Bio-Protect RTU is effective against odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae as a static agent.

	Pest controlled	Method of Application
Bed sheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). Bio-Protect RTU can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefin, polypropylene, rayon, silk, spandex, vinyl, and wool.	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Bio-Protect RTU solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid from treated item. For larger items (e.g. bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>
	Pest controlled	Method of Application
Air filters and air filter material for: <ul style="list-style-type: none"> • Furnaces, air conditioners • Air purification 	Odor-causing bacteria, bacteria which cause staining and	<p>SPRAY: When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply Bio-Protect RTU every three</p>

systems <ul style="list-style-type: none"> • Automobiles • Recirculating air handling systems • Vacuum cleaner filters • Aquariums 	discoloration, fungi (mold and mildew), and algae	months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Carpeting	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>SPRAY: Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted Bio-Protect RTU solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. Bio-Protect RTU treats approximately 200 square feet per gallon (50 square feet per quart). When treating coarser substrates (e.g., wool carpeting), more Bio-Protect RTU may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> 
	Pest controlled	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass,	Odor-causing bacteria, bacteria which cause staining and	<p>SPRAY: Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with</p>

nylon, polyester, polyethylene, polyolefin, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon, or wool	discoloration, and fungi (mold and mildew)	moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tents, tarpaulins, wood, sails, ropes.	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	<p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p> <p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Bio-Protect RTU solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	Pest controlled	Method of Application
Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats)	Odor-causing bacteria, bacteria which cause staining and discoloration,	<p>SPRAY: Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface, making sure the surface is completely covered. After applying Bio-Protect RTU, let stand until dry. Bio-Protect RTU treats approximately 200 square feet of roofing per gallon (50 square feet per quart). If necessary,</p>

	fungi (mold and mildew), and algae	reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Buffer pads (polishing and abrasive), polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, Formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Using a trigger pump sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply Bio-Protect RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Inhibits the growth of odor causing bacteria between cleanings.

Inhibits the growth of bacteria which cause staining and discoloration between cleanings.

Inhibits the growth of fungi (mold and mildew) between cleanings.

Inhibits the growth of algae between cleanings.

Inhibits the growth of odor causing bacteria which cause staining and discoloration, fungi (mold and mildew), and algae between cleanings.

Mold, mildew, odor protector and inhibitor.

Bio-Protect RTU is an antimicrobial agent effective against odor causing bacteria.

Bio-Protect RTU is an antimicrobial agent effective against bacteria which cause staining and discoloration.

Bio-Protect RTU is an antimicrobial agent effective against fungi (mold and mildew).

Bio-Protect RTU is an antimicrobial agent effective against algae.

Bio-Protect RTU, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

Bio-Protect RTU, and antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow in even the cleanest of homes.

Bio-Protect RTU, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces made of fiberglass, glazed porcelain, Formica, stainless steel, synthetic marble.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

For containers up to 5 gallons.

Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Containers greater than 5 gallons

Nonrefillable container. Do not reuse or refill this container. Empty the remaining contents into application equipment or a mix tank. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by puncture and dispose of in a sanitary landfill, or by incineration.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING PURESHIELD INC. AT 1445 JUPITER PARK DRIVE, SUITE 11, JUPITER, FL 33458.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

PureShield Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use. PURESHIELD INC. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESSED OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.

Oiguenblik, Emilia

From: Oiguenblik, Emilia
Sent: Thursday, November 07, 2013 12:52 PM
To: 'Kevin Kutcel'
Cc: Noble, Velma
Subject: 87583-3 errors

Dear Mr. Kutsel,

Your 87583-3 labels (for Alternates names **Bio-Protect RTU** and Black Trophy Quest) contain mistakes and must be changed in accordance to the master label approved on July 1, 2013. You can fix them by submitting notifications to the Agency.

Thanks for your cooperation,

Emilia Oiguenblik
Antimicrobial Division
S-8824
Telephone: 703-347-0199
Email: Oiguenblik.Emilia@epa.gov

KRK Consulting LLC

5807 Churchill Way

Medina, OH 44256

Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

November 18, 2013

Ms. Emilia Oiguenblik
US Environmental Protection Agency (NOTIF)
Office of Pesticide Programs
Antimicrobial Division (S-8824)
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: Notification for ABN Label "Bio-Protect RTU" (EPA No. 87583-3)

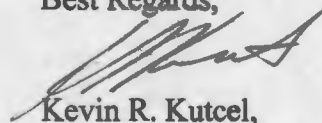
Dear Ms. Oiguenblik,

The purpose of this notification is in response to your e-mail to me on November 7, 2013 stating that the label "Bio-Protect RTU" (Reg. No. 87583-3) did not match the master label approved on July 1, 2013. Attached are three copies of the Bio-Protect RTU label that have been amended to match the July 1, 2013 master label.

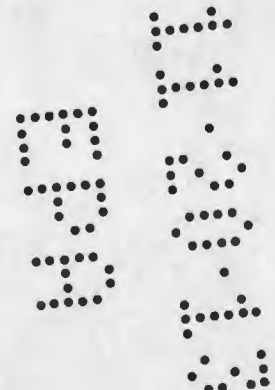
Attached is EPA Form 8570-1 regarding this notification as required in PR Notice 1998-10. This notification is consistent with the guidance in PR Notice 1998-10 and the requirements of EPA's regulations at 40 CFR 156.46, 156.140, 156.144, 156.146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for PureShield Inc. and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards,



Kevin R. Kutcel,
Agent for PureShield Inc.





United States
Environmental Protection Agency
Washington, DC 20460

Registration
Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number
PureShield Inc. / 87583-3

2. EPA Product Manager
Velma Noble

3. Proposed Classification

☒ None ☐ Restricted

4. Company/Product (Name)
PureShield Inc. / Bio-Protect RTU

PM#
31

5. Name and Address of Applicant (Include ZIP Code)

PureShield Inc.
1445 Jupiter Park Drive, #11
Jupiter, FL 33458

☐ Check if this is a new address

6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:

☒ EPA Reg. No. _____

Product Name _____

Section - II

☐ Amendment - Explain below.

☐ Resubmission in response to Agency letter dated _____

☒ Notification - Explain below.

☐ Final printed labels in response to
Agency letter dated _____

☐ "Me Too" Application.

☐ Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Please read attached cover letter.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging

☐ Yes
☒ No

* Certification must
be submitted

Unit Packaging

☐ Yes
☒ No

If "Yes"
Unit Packaging wgt.

No. per
container

Water Soluble Packaging

☐ Yes
☒ No

If "Yes"
Package wgt

No. per
container

2. Type of Container

☒ Metal
☐ Plastic
☐ Glass
☐ Paper
☐ Other (Specify) _____

3. Location of Net Contents Information

☒ Label ☐ Container

4. Size(s) Retail Container

5. Location of Label Directions

☒ On Label
☐ On Labeling accompanying product

6. Manner in Which Label is Affixed to Product

☒ Lithograph
Paper glued
Stenciled

☐ Other _____

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name
Kevin Kutcel

Title
Agent

Telephone No. (Include Area Code)
440-263-7305

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete.
I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or
both under applicable law.

2. Signature

3. Title

Agent

4. Typed Name

Kevin Kutcel

5. Date

11/18/2013

6. Date Application
Received
(Stamped)

RISK ASSIGNMENT FORM
Antimicrobial Division/Regulatory Management Branch I

A	Completed by Product Manager						
PRODUCT REVIEWER: <i>Emilia</i>					RMBI <u>TEAM 31</u>		
Type of Action: <i>Not. Ficta</i>					EPA File Symbol/Reg No. <i>87583-3</i>		
Decision No. <i>485258</i>			Submission No. <i>943862</i>		Fee for Service Action Code:		
FQPA Action Code: <i>332</i>		Non-FQPA Action Code:			PRIA FEE AMOUNT:		
		MONTH	DAY	YEAR			
APPLICATION DATE		<i>11</i>	<i>18</i>	2012			
EPA PIN DATE		<i>11</i>	<i>20</i>	2012			
DATE PM RECEIVED FROM FRONT END				2012			
DATE SENT TO SCIENCE							
DATE RECEIVED FROM SCIENCE		<i>Dec.</i>	<i>20</i>	<i>2013</i>			
DATE DUE TO PM							
Type of Data:	PSB Product Chemistry	PSB Acute Toxicology	PSB Efficacy	RASSB Environmental Fate	RASSB Ecological Effects	RASSB Chronic Toxicology	RASSB Exposure/Residue
<i>Not. Ficta</i>							
ATTACHMENTS: LABELING e-CSF(S) e-DATA e-OTHERS							
B	For Arctic Slope Contract Only						
	Contract No.: 0052		ARCTIC SLOPE/MANAGER				
	Final Task: Signature _____ (Total hrs)						
C	Reviewer Comments:						
DATE FEE PAID:				RESPONSE CODE:		RESPONSE DATE:	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Kevin Kutcel
Agent for PureShield, Inc.
KRK Consulting, LLC
5807 Churchill Way
Medina, OH 44256

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

SUBJECT: Black by Trophy Quest
EPA Registration Number: 87583-3
Application Date: November 18, 2013
Receipt Date: November 20, 2013

DEC 17 2013

Dear Mr. Kutcel:

This letter acknowledges receipt of the notification identified above submitted under provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended and PR Notice 98-10.

- To make the label corrections in accordance to the master label approved on July 1, 2013.

Based on a review of the submitted information, this notification is not acceptable. The second paragraph on page 2 of the label contains "an adjunct" fogging claim for disinfection. The Agency now does not accept adjunct claims because it is not possible define what is meant by adjunct. You can use fogger for cleaning and removing odor causing bacteria. Any references to disinfection or sanitization must be supported by efficacy data.

Your submission will be acceptable if you revise the fogging directions to read:
"...Fogging is supplemental to normal cleaning procedures and practices..."

The same correction must be done on the master label. For references see an attached letter dated 4/1/2013.

General Comments

Should you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347-0109 or Velma Noble at (703) 308-6233.

Sincerely,

for Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

Black By Trophy Quest

Provides an invisible microbiostatic coating



Active Ingredient: 3-(trihydroxysilyl)propyldimethyloctadecyl ammonium chloride.....0.50%
Other Ingredients:99.50%
TOTAL
INGREDIENTS:100.00%

KEEP OUT OF REACH OF CHILDREN

EPA Reg. No. 87583-3

EPA EST. No. xxxxx-xx-xxx

NET CONTENTS: 2,4,6,8,12,16,32 oz or 1,5,30,55,275 Gallons

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

Manufactured by: PureShield Inc., 1445 Jupiter Park Drive, Suite 11, Jupiter, FL 33458

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of Black By Trophy Quest can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of Black By Trophy Quest.

Residential use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE

Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Black By Trophy Quest can be applied to organic or inorganic substrates by fogging. All surfaces must be cleaned prior to fogging. Fogging is an adjunct or supplement to normal cleaning and disinfection procedures and practices. Fogging can be used in homes, offices, automobiles and institutions, schools, hospitals, daycare centers, churches, correctional facilities.

1. Prior to fogging, remove and carefully protect all food products and packaging materials.
2. Fog areas using one gallon per 1000 cu. ft. of room area .
3. Allow surfaces to drain thoroughly and air dry before operations are resumed.

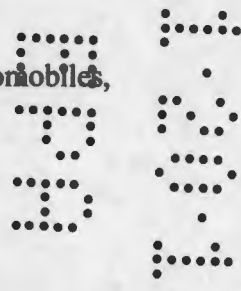
Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Black By Trophy Quest when used as a concrete additive is added directly concrete preparation. Use 60 fluid ounces per cubic feet of concrete. Addition of Black By Trophy Quest reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in Black By Trophy Quest is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. Black By Trophy Quest can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains



- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wood/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial appliances used in homes, offices, automobiles and institutions, schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles and face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

The active ingredient in Black By Trophy Quest is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. Black By Trophy Quest can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces

- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel
-

For Pump Spray Application: Using pump sprayer, spray entire area 4"-6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Black By Trophy Quest treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more Black By Trophy Quest may be required due to absorption. A fan may be used to assist in drying carpet.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, and pressure sprayers) apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Black By Trophy Quest treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more Black By Trophy Quest may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpet.

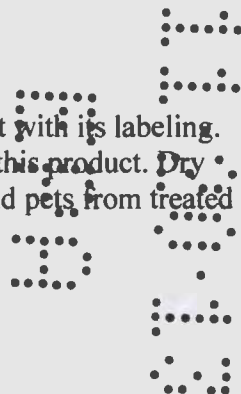
For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Black By Trophy Quest solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperature or at temperatures to a maximum of 160°C (320°F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

DIRECTIONS FOR USE

For residential applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.



Approved residential uses

The active ingredient in Black By Trophy Quest is effective against odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae as a static agent.

	Pest controlled	Method of Application
Bed sheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). Black By Trophy Quest can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefin, polypropylene, rayon, silk, spandex, vinyl, and wool.	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Black By Trophy Quest solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid from treated item. For larger items (e.g. bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>
	Pest controlled	Method of Application
Air filters and air filter material for: • Furnaces, air conditioners	Odor-causing bacteria, bacteria which cause	<p>SPRAY: When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until</p>

<ul style="list-style-type: none"> • Air purification systems • Automobiles • Recirculating air handling systems • Vacuum cleaner filters • Aquariums 	staining and discoloration, fungi (mold and mildew), and algae	dry. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Carpeting	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>SPRAY: Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted Black By Trophy Quest solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. Black By Trophy Quest treats approximately 200 square feet per gallon (50 square feet per quart). When treating coarser substrates (e.g., wool carpeting), more Black By Trophy Quest may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>
	Pest controlled	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics,	Odor-causing bacteria, bacteria which cause	<p>SPRAY: Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and</p>

cotton, fiberglass, nylon, polyester, polyethylene, polyolefin, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon, or wool	staining and discoloration, and fungi (mold and mildew)	wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tents, tarpaulins, wood, sails, ropes.	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	<p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p> <p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Black By Trophy Quest solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	Pest controlled	Method of Application
Roofing materials (such as shingles, roofing granules, wood shakes, felt,	Odor-causing bacteria, bacteria which cause	<p>SPRAY: Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface, making sure the surface is completely covered. After applying Black By Trophy Quest, let stand</p>

stone, synthetic overcoats)	staining and discoloration, fungi (mold and mildew), and algae	until dry. Black By Trophy Quest treats approximately 200 square feet of roofing per gallon (50 square feet per quart). If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Buffer pads (polishing and abrasive), polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, Formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Using a trigger pump sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply Black By Trophy Quest every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Inhibits the growth of odor causing bacteria between cleanings.

Inhibits the growth of bacteria which cause staining and discoloration between cleanings.

Inhibits the growth of fungi (mold and mildew) between cleanings.

Inhibits the growth of algae between cleanings.

Inhibits the growth of odor causing bacteria which cause staining and discoloration, fungi (mold and mildew), and algae between cleanings.

Mold, mildew, odor protector and inhibitor.

Black By Trophy Quest is an antimicrobial agent effective against odor causing bacteria.

Black By Trophy Quest is an antimicrobial agent effective against bacteria which cause staining and discoloration.

Black By Trophy Quest is an antimicrobial agent effective against fungi (mold and mildew).

Black By Trophy Quest is an antimicrobial agent effective against algae.

Black By Trophy Quest, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

Black By Trophy Quest, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow in even the cleanest of homes.

Black By Trophy Quest, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces made of fiberglass, glazed porcelain, Formica, stainless steel, synthetic marble.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

For containers up to 5 gallons.

Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Containers greater than 5 gallons

Nonrefillable container. Do not reuse or refill this container. Empty the remaining contents into application equipment or a mix tank. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by puncture and dispose of in a sanitary landfill, or by incineration.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING PURESHIELD INC. AT 1445 JUPITER PARK DRIVE, SUITE 11, JUPITER, FL 33458.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

PureShield Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use. PURESHIELD INC. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESSED OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.



Kevin Kutcel

From: Oiguenblik, Emilia [Oiguenblik.Emilia@epa.gov]
Sent: Thursday, November 7, 2013 12:52 PM
To: Kevin Kutcel
Cc: Noble, Velma
Subject: 87583-3 errors

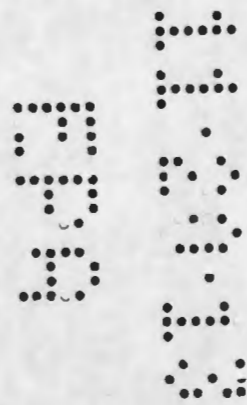
Follow Up Flag: Follow up
Flag Status: Flagged

Dear Mr. Kutsel,

Your 87583-3 labels (for Alternates names Bio-Protect RTU and Black Trophy Quest) contain mistakes and must be changed in accordance to the master label approved on July 1, 2013. You can fix them by submitting notifications to the Agency.

Thanks for your cooperation,

Emilia Oiguenblik
Antimicrobial Division
S-8824
Telephone: 703-347-0199
Email: Oiguenblik.Emilia@epa.gov



KRK Consulting LLC

5807 Churchill Way

Medina, OH 44256

Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

November 18, 2013

Ms. Emilia Oiguenblik
US Environmental Protection Agency (NOTIF)
Office of Pesticide Programs
Antimicrobial Division (S-8824)
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: Notification for ABN Label "Black By Trophy Quest" (EPA No. 87583-3)

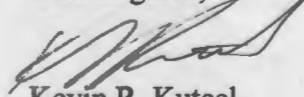
Dear Ms. Oiguenblik,

The purpose of this notification is in response to your e-mail to me on November 7, 2013 stating that the label "Black By Trophy Quest" (Reg. No. 87583-3) did not match the master label approved on July 1, 2013. Attached are three copies of the Black By Trophy Quest label that have been amended to match the July 1, 2013 master label.

Attached is EPA Form 8570-1 regarding this notification as required in PR Notice 1998-10. This notification is consistent with the guidance in PR Notice 1998-10 and the requirements of EPA's regulations at 40 CFR 156.46, 156.140, 156.144, 156.146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for PureShield Inc. and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards,



Kevin R. Kutcel,
Agent for PureShield Inc.





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number PureShield Inc. / 87583-3	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PureShield Inc. / Black By Trophy Quest	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) PureShield Inc. 1445 Jupiter Park Drive, #11 Jupiter, FL 33458 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <input checked="" type="checkbox"/> EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Please read attached cover letter.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted				<input type="checkbox"/> Plastic	
	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	<input type="checkbox"/> Glass	
			No. per container	<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Kevin Kutcel		Title Agent	
		Telephone No. (Include Area Code) 340-263-7305	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Agent	
4. Typed Name Kevin Kutcel		5. Date 11/18/2013	

Material Sent for Data Extraction

Reg # 87583-3

Description: _____

☒ Material(s) Sent to Data Extraction Contractors:

☒ New Stamped Label Dated _____

☐ Notification Dated _____

☐ New CSF(s) Dated _____

☐ Other: _____

☐ Decision #: 474589

☐ Other Action/Comments: _____

Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer: E. Diguenb. h.

Phone: 347-0199 Division: AD

Date: _____

Created February 3, 2011



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Kevin Kutcel
Agent for PureShield, Inc.
KRK Consulting, LLC
5807 Churchill Way
Medina, OH 44256

JUL - 1 2013

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

SUBJECT: Bio-Protect AM50
EPA Registration Number: 87583-3
Application Date: January 28, 2013
Receipt Date: January 30, 2013

Dear Mr. Kutcel:

The application referred to above, submitted under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable under FIFRA sec. 3(c)(7)(B) provided that you:

Proposed Amendment:

- To change the acute toxicity category for this product from Category III to Category IV.

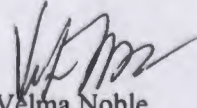
General Comments:

Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

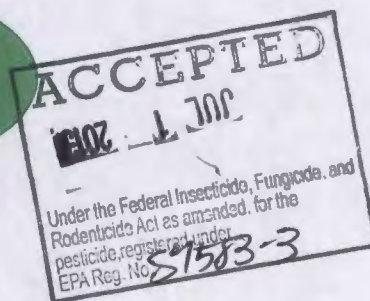
A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and it's implementing regulation at 40 CFR 152.3.

Should you have any questions or comments concerning this letter, please contact Emilia Oiguenblik at (703) 308-0199 or Velma Noble at (703) 308-6233.

Sincerely,


Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosure: Stamped label, Acute Tox. Review			CONCURRENCES				
SYMBOL							
SURNAME							
DATE							



Active Ingredient: 3-(trihydroxysilyl)propyldimethyloctadecyl ammonium chloride.....**0.50%**
Other Ingredients:**99.50%**
TOTAL
INGREDIENTS:**100.00%**

KEEP OUT OF REACH OF CHILDREN

EPA Reg. No. 87583-3

EPA EST. No. xxxxx-xx-xxx

NET CONTENTS: 2,4,6,8,12,16,32 oz or 1,5,30,55,275 Gallons

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

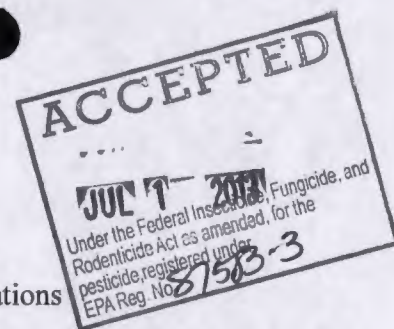
Manufactured by: PureShield Inc., 1445 Jupiter Park Drive, Suite 11, Jupiter, FL 33458

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of Bio-Protect AM50 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of Bio-Protect AM50.

Residential use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.



DIRECTIONS FOR USE

Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

AM-50 can be applied to organic or inorganic substrates by fogging. All surfaces must be cleaned prior to fogging. Fogging is an adjunct or supplement to normal cleaning and disinfection procedures and practices. Fogging can be used in homes, offices, automobiles and institutions, schools, hospitals, daycare centers, churches, correctional facilities.

1. Prior to fogging, remove and carefully protect all food products and packaging materials.
2. Fog areas using one gallon per 1000 cu. ft. of room area .
3. Allow surfaces to drain thoroughly and air dry before operations are resumed.

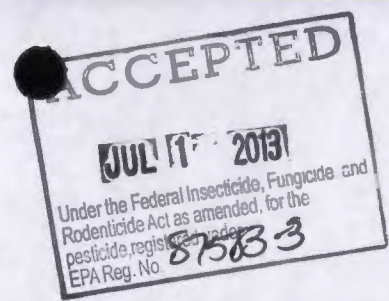
Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

AM-50 when used as a concrete additive is added directly concrete preparation. Use 60 fluid ounces per cubic feet of concrete. Addition of AM-50 reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in AM-50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. AM-50 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool



- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

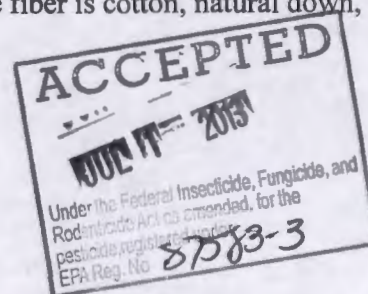
DIRECTIONS FOR USE

Approved commercial appliances used in homes, offices, automobiles and institutions, schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles and face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

The active ingredient in AM-50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. AM-50 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wood/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces



- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

For Pump Spray Application: Using pump sprayer, spray entire area 4"-6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. AM-50 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more AM-50 may be required due to absorption. A fan may be used to assist in drying carpet.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, and pressure sprayers) apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. AM-50 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more AM-50 may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpet.

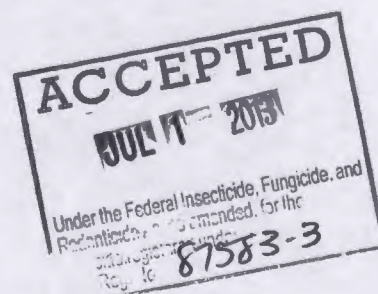
For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough AM-50 solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperature or at temperatures to a maximum of 160°C (320°F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

DIRECTIONS FOR USE

For residential applications

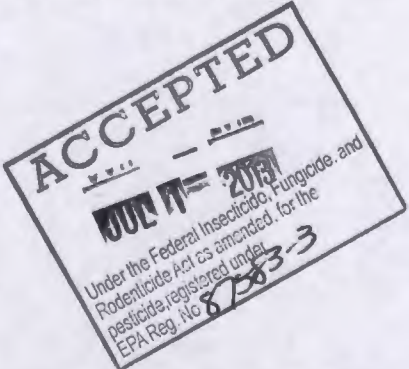
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.



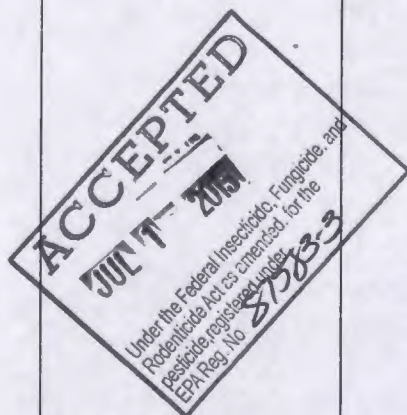
Approved residential uses

The active ingredient in AM-50 is effective against odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae as a static agent.

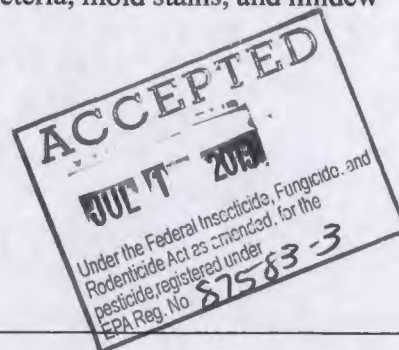
	Pest controlled	Method of Application
<p>Bed sheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). AM-50 can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefin, polypropylene, rayon, silk, spandex, vinyl, and wool.</p>	<p>Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)</p>	<p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough AM-50 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid from treated item. For larger items (e.g. bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>
	Pest controlled	Method of Application
<p>Air filters and air filter material for:</p> <ul style="list-style-type: none"> • Furnaces, air conditioners • Air purification systems 	<p>Odor-causing bacteria, bacteria which cause staining and discoloration,</p>	<p>SPRAY: When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold</p>

<ul style="list-style-type: none"> • Automobiles • Recalculating air handling systems • Vacuum cleaner filters • Aquariums 	fungi (mold and mildew), and algae	stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Carpeting	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>SPRAY: Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted AM-50 solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. AM-50 treats approximately 200 square feet per gallon (50 square feet per quart). When treating coarser substrates (e.g., wool carpeting), more AM-50 may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>  <p>The image shows a rectangular label with the word "ACCEPTED" in large, bold, slanted letters at the top. Below it, the date "JUL 17 2013" is stamped. At the bottom, it reads "Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide registered under EPA Reg. No. 82583-3".</p>
	Pest controlled	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene,	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi	<p>SPRAY: Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to</p>

polyolefin, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon, or wool	(mold and mildew)	application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tents, tarpaulins, wood, sails, ropes.	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	<p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p> <p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough AM-50 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	Pest controlled	Method of Application
Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats)	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew),	<p>SPRAY: Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface, making sure the surface is completely covered. After applying AM-50, let stand until dry. AM-50 treats approximately 200 square feet of roofing per gallon (50 square feet per quart). If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>



	and algae	
	Pest controlled	Method of Application
Buffer pads (polishing and abrasive), polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, Formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Using a trigger pump sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.



Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

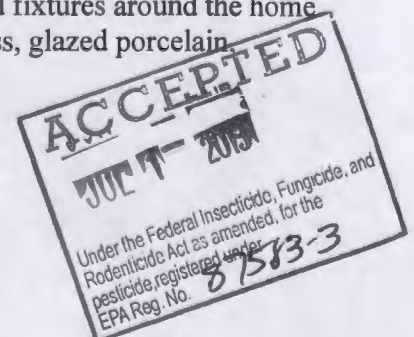
Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).
 Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.
 Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.
 Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).
 Provides an invisible microbiostatic coating to inhibit the growth of algae.
 Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.
 Prevents deterioration caused by bacteria and fungi (mold and mildew).
 Inhibits deterioration caused by bacteria.
 Resists development of microbial odors.
 Resists development of stains and discoloration due to bacteria.
 Resists development of stains due to fungi (mold and mildew).
 Resists stains due to algae.
 Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.
 Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.
 Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.
 Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).
 Provides/creates an invisible barrier to inhibit the growth of algae.
 Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.
 Inhibits the growth of odor causing bacteria between cleanings.
 Inhibits the growth of bacteria which cause staining and discoloration between cleanings.
 Inhibits the growth of fungi (mold and mildew) between cleanings.
 Inhibits the growth of algae between cleanings.
 Inhibits the growth of odor causing bacteria which cause staining and discoloration, fungi (mold and mildew), and algae between cleanings.
 Mold, mildew, odor protector and inhibitor.
 AM-50 is an antimicrobial agent effective against odor causing bacteria.
 AM-50 is an antimicrobial agent effective against bacteria which cause staining and discoloration.
 AM-50 is an antimicrobial agent effective against fungi (mold and mildew).
 AM-50 is an antimicrobial agent effective against algae.
 AM-50, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.
 Bacteriostatic, fungistatic (mold and mildew), algaestatic.
 AM-50, and antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow in even the cleanest of homes.
 AM-50, an antimicrobial agent, inhibits the growth of odor causing bacteria.
 Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.
 Effective on modern hard non-porous washable surfaces made of fiberglass, glazed porcelain.
 Formica, stainless steel, synthetic marble.



STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

For containers up to 5 gallons.

Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

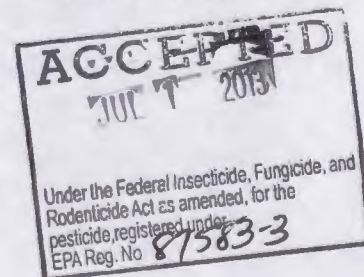
Containers greater than 5 gallons

Nonrefillable container. Do not reuse or refill this container. Empty the remaining contents into application equipment or a mix tank. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by puncture and dispose of in a sanitary landfill, or by incineration.

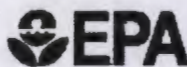
FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING PURESHIELD INC. AT 1445 JUPITER PARK DRIVE, SUITE 11, JUPITER, FL 33458.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

PureShield Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use. PURESHIELD INC. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESSED OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.



UNITED STATES ENVIRONMENTAL PROTECTION
AGENCY
WASHINGTON, D.C. 20460



United States
Environmental Protection
Agency

Office of Pesticide Programs

Antimicrobials Division (AD)

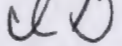
Tuesday, March 26, 2013

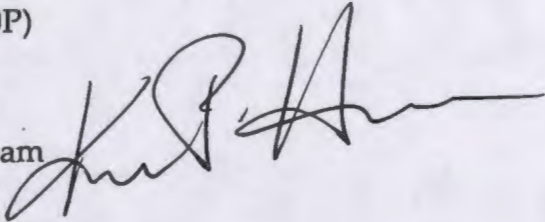
MEMORANDUM

Subject: Acute Toxicity Review for EPA Reg. No.: 87583-3

DP Barcode: D409543

Product Name: Bio-Protect AM50

From: Ian Blackwell, Biologist 
Chemistry and Toxicology Team (CTT)
Product Science Branch
Antimicrobials Division (7510P)

Through: Karen Hicks, Team Leader 
Chemistry and Toxicology Team
Product Science Branch
Antimicrobials Division (7510P)

To: Velma Noble, PM 31/ Emilia Oiguenblik
Regulatory Management Branch
Antimicrobials Division (7510P)

Applicant: PureShield, Inc.

FORMULATION FROM LABEL:

<u>PC Code</u>	<u>Active Ingredient(s)</u>	<u>% by wt.</u>
107401	3-(trihydroxysilyl) propyldimethyloctadecyl ammonium chloride	0.50
	<u>Other Ingredient(s)</u>	<u>99.50</u>
	Total:	100.00

I BACKGROUND: The registrants ask to change some of their acute toxicity categories from III to IV. The registrant, Kevin Kutcel, states: "The sole purpose of this amendment is to change the acute toxicity category of this product from III to IV." He cites acute toxicity data from File Symbol 64881-6 in order to do so. Previously, PM Team 31 decided that this product was a simple Me-Too of 64881-6 and did not send an acute toxicity submission to the Chemistry and Toxicology Team (CTT) for review. For this review, CTT will base the precautionary labeling of the product upon PM Team 31's premise that 87583-3 is similar enough in formulation to 64881-6 to share its acute toxicity data.

II RECOMMENDATIONS:

1. The Chemistry and Toxicology Team (CTT) cites the acute toxicity profile from 64881-6 per PM Team 31.

The acute toxicity profile for File Symbol 87583-3 is currently:

Study	MRID Number	Toxicity Category	Study Status
Acute Oral Toxicity	46693803	IV	Cited
Acute Dermal Toxicity	46693804	IV	Cited
Acute Inhalation Toxicity	46693807	IV	Cited
Primary Eye Irritation	46693808	IV	Cited
Primary Skin Irritation	46693805	IV	Cited
Dermal Sensitization	46693806	Nonsensitizer	Cited

III LABELING:

1. No precautionary labeling is required for this product. The label does not require a Signal Word, Precautionary Statements, or, First-Aid statements (also known as Statements of Practical Treatment). However, the registrants are permitted to use toxicity category III labeling statements if they wish.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
WASHINGTON, D.C. 20460

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Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number PureShield Inc., 1445 Jupiter Park, Suite 1, Jupiter, FL 33458 561-747-5758	EPA Registration Number/File Symbol 87583-3
Active Ingredient(s) and/or representative test compound(s) 3-(Trihydroxysilyl)propyl dimethyl octadecyl ammonium chloride	Date 4/15/2011
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) antimicrobial	Product Name Bio-Protect AM50

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature

Date

1/28/2013

Typed or Printed Name and Title

Kevin R. Kutcel - Consultant




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 1/28/2013		EPA Reg No./File Symbol 87583-3		Page 1 of 2	
Applicant's/Registrant's Name & Address PureShield Inc., 1445 Jupiter Park, Suite 11, Jupiter, FL 33458		Product Bio-Protect AM50			
Ingredient 3-(Trihydroxysilyl)propyl dimethyl octadecyl ammonium chloride (71.2%)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1100	Kuhn, J. (2005) Acute Oral Toxicity Study (UDP) in Rats:	46693803	AEGIS Environmental Management	pay	
	Aegis Exp-201: Final Report. Project Number: 8989/05.				
	Unpublished study prepared by Stillmeadow, Inc. 11 p.				
870.1200	Kuhn, J. (2005) Acute Dermal Toxicity Study in Rabbits:	46693804	AEGIS Environmental Management	pay	
	Aegis Exp-201: Final Report. Project Number: 8990/05.				
	Unpublished study prepared by Stillmeadow, Inc. 12 p.				
Signature 			Name and Title Kevin Kutcel - Consultant		Date 01/28/2013



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date 1/28/2013		EPA Reg No./File Symbol 87583-3		Page 2 of 2	
Applicant's/Registrant's Name & Address PureShield Inc., 1445 Jupiter Park, Suite 11, Jupiter, FL 33458		Product Bio-Protect AM50			
Ingredient 3-(Trihydroxysilyl)propyl dimethyl octadecyl ammonium chloride (71.2%)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1300	Carter, L. (2005) Acute Inhalation Toxicity Study in Rats:	46693807	AEGIS Environmental Management	Pay	
	Aegis Exp-201: Final Report. Project No. 8991/05				
	Unpublished study prepared by Stillmeadow, Inc. 20 p.				
870.2400	Kuhn, J. (2005) Acute Eye Irritation Study in Rabbits:	46693808	AEGIS Environmental Management	Pay	
	Aegis Exp-201: Final Report. Project Number: 8992/05				
	Unpublished study prepared by Stillmeadow, Inc. 17 p.				
870.2500	Kuhn, J. (2005) Acute Dermal Irritation Study in Rabbits:	46693805	AEGIS Environmental Management	Pay	
	Aegis Exp-201: Final Report. Project Number: 8993/05.				
870.2600	Kuhn, J. (2005) Skin Sensitization Study in Guinea Pigs:	46693806	AEGIS Environmental Management	pay	
	Aegis Exp-201: Final Report. Project Number: 8994/05.				
	Unpublished study prepared by Stillmeadow, Inc. 18 p.				
Signature	Name and Title Kevin Kutcel - Consultant		Date 04/15/2011		



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 1/28/2013

EPA Reg No./File Symbol 87583-3

Page 1 of 2

Applicant's/Registrant's Name & Address

PureShield Inc., 1445 Jupiter Park, Suite 11, Jupiter, FL 33458

Product

Bio-Protect AM50

Ingredient 3-(Trihydroxysilyl)propyl dimethyl octadecyl ammonium chloride (71.2%)

Guideline Reference Number

Guideline Study Name

MRID Number

Submitter

Status

Note

Signature

Name and Title

Kevin Kutcel - Consultant

Date

01/28/2013



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 1/28/2013		EPA Reg No./File Symbol 87583-3		Page 2 of 2	
Applicant's/Registrant's Name & Address PureShield Inc., 1445 Jupiter Park, Suite 11, Jupiter, FL 33458		Product Bio-Protect AM50			
Ingredient 3-(Trihydroxysilyl)propyl dimethyl octadecyl ammonium chloride (71.2%)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			AEGIS Environmental Management	Pay	
			AEGIS Environmental Management	Pay	
			AEGIS Environmental Management	Pay	
			AEGIS Environmental Management	pay	
Signature			Name and Title Kevin Kutcel - Consultant		Date 04/15/2011



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Kevin Kutcel
Agent for PureShield
5807 Churchill Way
Medina, Ohio 44256

JUN 18 2013

Dear Mr. Kutcel:

The Agency has completed its review and assessment of your application pursuant to Section 33(b)(3) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended by the Pesticide Registration Improvement Extension Act of 2012. The Agency has made a pre-decisional determination that your application cannot be approved unless revisions are made to the label. The necessary label changes are specified below:

- The second paragraph of the Directions for Use Section is unacceptable. The label does not contain directions how to apply the product by padding, foam finishing and fogging. You must add directions on how to apply this product using above application methods or remove these application methods from the label.
- The Storage and Disposal Section must be revised to read:

For containers up to 5 gallons.

Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain."

For containers greater than 5 gallons

Nonrefillable container. Do not refill or reuse this container. Empty the remaining contents into application equipment or a mix tank. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by puncture and dispose of in a sanitary landfill, or by incineration."

Since there is limited time before the PRIA Decision Due Date expires, it is important to discuss any objections you have to these changes immediately and whether you will need to submit additional data for review. If these discussions determine that submitting data will be necessary, the PRIA decision due date may need to be renegotiated to allow sufficient time to

address and resolve such differences. If the PRIA Decision Due Date is not renegotiated, and the label issues are not resolved before the PRIA Decision Due Date, the Agency will send a follow-up letter that will represent the Agency's decision to close out the PRIA decision review time. The follow-up letter will provide the following three options for continuing the review of the application:

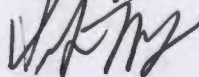
- (a) If all agrees to all of the terms associated with the draft accepted label as revised by the Agency and requests that it be issued as the accepted final Agency-stamped label; or
- (b) Applicant does not agree to one or more of the terms of the draft accepted label as revised by the Agency and requests additional time to resolve the difference(s); or
- (c) Applicant withdraws the application without prejudice for subsequent resubmission, but forfeits the associated registration service fee.

If the applicant informs EPA that it has concerns as described under (b) above, the applicant will have up to 30 calendar days from the date of that follow-up letter to reach agreement with the Agency on the final version of the label that the Agency will accept. If an agreement cannot be reached within those 30 days, EPA would intend to proceed with denial of the application.

If the applicant agrees to all of the terms of the accepted label as described in (a) above, or if the applicant and EPA resolve any differences as described in (b), the applicant must submit a revised label to EPA. EPA will then provide an accepted final Agency stamped label to the applicant within 2 business days following the applicant's written electronic confirmation of agreement to the Agency including the revised label to be stamped.

If you have any questions concerning this letter please contact Emilia Oiguenblik at (703) 347 0199 or Velma Noble at (703) 308-6233.

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

Oiguenblik, Emilia

From: Kevin Kutcel [kevinkutcel@gmail.com]
Sent: Wednesday, April 17, 2013 1:31 PM
To: Oiguenblik, Emilia
Cc: Noble, Velma; Edwards, Dennis
Subject: RE: 87583-3 PRIA-3 submission

Dear Ms. Oiguenblik,

The purpose of this e-mail is to respond to your technical screen dated 4/17/13 regarding Reg. No. 87583-3. The amendment was submitted to the US EPA requesting a change in acute toxicity category III to IV citing data from Reg. No. 64881-6 (the reference to 64881-2 is incorrect in your letter). Reg. No. 64881-6 contains the same active ingredient at 0.84% compared to 0.50% for Reg. No. 87583-3) [REDACTED] In other words, the data cited is for a product containing slightly more of the same active ingredient than the product seeking the amendment. I would request that the US EPA reconsider this decision based on the following:

1. This is the same acute toxicity data cited when the product was originally registered. Unfortunately, when the label was submitted, it was incorrectly submitted as category III instead of category IV. The label should have been approved as category IV at that time. The client is now just requesting a label that more accurately reflects the data that was originally cited and approved for this label.
2. [REDACTED]
[REDACTED]. Your letter states that the formulations must be identical, but that is not the historical position of the US EPA regarding the use of acute toxicity data. I also just participated in the PRIA 3 workshop and it was stated that formulations must be identical for product chemistry, but not for acute toxicity.
3. [REDACTED], how could there be greater toxicological risk regarding Reg. No. 87583-3?
4. The US EPA is always concerned about limiting the amount animal testing. It is my opinion that conducting a complete acute toxicity 6 pack in this case would result in unnecessary testing of animals when the data cited should suffice to support the acute toxicity category for the product.

Please reconsider your position regarding the need to conduct acute toxicity studies specific to this product. If you still believe this data is unacceptable, could my client conduct a minimal confirmatory study such as acute dermal to show that the acute toxicity profile is the same as the cited data?

Lastly, I was surprised that the preliminary technical screen had just occurred for this product. I thought under PRIA 3 that all technical screens were required to be conducted within 21 days? This application was received by the US EPA on January 30.

Your careful consideration of this response to your letter is very much appreciated. If you have any questions, please do not hesitate to call me at 440-263-7305.

Warm Regards,

Kevin Kutcel
KRK Consulting LLC
5807 Churchill Way
Medina, OH 44256
Tel: 440-263-7305
Fax: 440-398-0476

E-mail: kevinkutcel@gmail.com

From: Oiguenblik, Emilia [<mailto:Oiguenblik.Emilia@epa.gov>]
Sent: Wednesday, April 17, 2013 12:28 PM
To: Kevin Kutcel
Cc: Noble, Velma; Edwards, Dennis
Subject: 87583-3 PRIA-3 submission

Dear Mr. Kutcel,

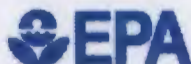
Please find an attached PDF file.

Sincerely,

Emilia Oiguenblik
Antimicrobial Division
S-8824
Telephone: 703-347-0199
Email: Oiguenblik.Emilia@epa.gov

IB

UNITED STATES ENVIRONMENTAL PROTECTION
AGENCY
WASHINGTON, D.C. 20460



United States
Environmental Protection
Agency

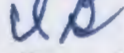
Office of Pesticide Programs

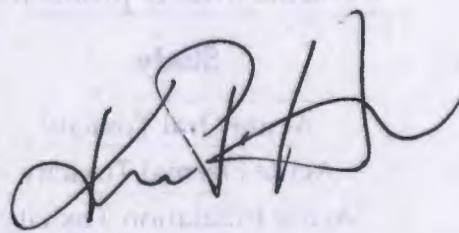
Antimicrobials Division (AD)

Tuesday, March 26, 2013

MEMORANDUM

Subject: Acute Toxicity Review for EPA Reg. No.: 87583-3
DP Barcode: D409543
Product Name: Bio-Protect AM50

From: Ian Blackwell, Biologist 
Chemistry and Toxicology Team (CTT)
Product Science Branch
Antimicrobials Division (7510P)

Through: Karen Hicks, Team Leader
Chemistry and Toxicology Team
Product Science Branch
Antimicrobials Division (7510P) 

To: Velma Noble, PM 31/ Emilia Oiguenblik
Regulatory Management Branch
Antimicrobials Division (7510P)

Applicant: PureShield, Inc.

FORMULATION FROM LABEL:

<u>PC Code</u>	<u>Active Ingredient(s)</u>	<u>% by wt.</u>
107401	3-(trihydroxysilyl) propyldimethyloctadecyl ammonium chloride	0.50
	<u>Other Ingredient(s)</u>	<u>99.50</u>
	Total:	100.00

I BACKGROUND: The registrants ask to change some of their acute toxicity categories from III to IV. They cite acute toxicity data from File Symbol 64881-6 in order to do so. The registrants also list a number of acute toxicity studies in support of this action.

II RECOMMENDATIONS:

1. The Chemistry and Toxicology Team (CTT) denies the request to cite acute toxicity data from 64881-6 to support 87583-3. In order to change the acute toxicity categories of 87583-3, the registrants would have to use studies conducted on this product itself, or, an *identical* formulation. If supporting data *were* initially conducted on 87583-3, the registrants would then have to explain why new data should be accepted. That is, was there a change in the formulation or a problem with the original studies? At this point in time, the registrants have not demonstrated that these studies are more representative of 87583-3 than any other studies are.

The acute toxicity profile for File Symbol 87583-3 is currently:

Study	MRID Number	Toxicity Category	Study Status
Acute Oral Toxicity	46693803	?	Citation Denied
Acute Dermal Toxicity	46693804	?	Citation Denied
Acute Inhalation Toxicity	46693807	?	Citation Denied
Primary Eye Irritation	46693808	?	Citation Denied
Primary Skin Irritation	46693805	?	Citation Denied
Dermal Sensitization	46693806	?	Citation Denied

III LABELING:

1. CTT cannot recommend any precautionary labeling changes for 87583-3.

See corrected
review
E.O.



UNITED STATES ENVIRONMENTAL PROTECTION
AGENCY
WASHINGTON, D.C.
20460

Kevin Kutcel
Agent for PureShield, Inc.
KRK Consulting, LLC
5807 Churchill Way
Medina, OH 44256

APR 17 2013

SUBJECT: Bio-Protect AM 50
EPA Registration Number: 87583-3
Application Date: January 28, 2012
Receipt Date: January 30, 2013

The Agency has completed its preliminary technical screening of your application pursuant to Section 33(f)(4)(B)(i)(II) of the Federal Insecticide, Fungicide, and Rodenticide (FIFRA), as amended by the Pesticide Registration Improvement Extension Act. The Agency has determined that your application will not pass the preliminary technical screen and therefore is subject to rejection if the application is not corrected.

Specifically:

The Chemistry and Toxicology Team (CTT) denies the request to cite acute toxicity data from 64881⁶ to support 87583-3. In order to change the acute toxicity categories of 87583-3, the registrants would have to use studies conducted on this product itself, or, an *identical* formulation.

In order for the review of your product to continue, you will need to correct your application to address the item(s) listed above within 10 days of the date you received this letter. If you cannot correct the application, your application will be returned to you.

Should you have any questions or comments concerning this letter, please contact Velma Noble PM Team 31 at (703) 308-6233 or Emilia Oiguenblik at (703) 347 0199.

Sincerely,

Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

DATA PACKAGE BEAN SHEET

Date: 27-Feb-2013

Page 1 of 1

Decision #: 474589

DP #: (409543)

PRIA

Parent DP #:

Submission #: 930024

E-Sub #:

*** Registration Information ***

Registration: **87583-3 - BIO-PROTECT AM 50**

Company: 87583 - PURESIELD INC

Risk Manager: RM 31 - Velma Noble - (703) 308-6233 Room# PY1 S-8855

Risk Manager Reviewer: Emilia Oiguenblik EOIGUENB

Sent Date: _____

TENTATIVE Due Date: 20-Jun-2013

Edited Due Date: _____

Type of Registration: Product Registration - Section 3

Action Desc: (A570) AMENDMENT;NON-FAST TRACK;REQUIRING DATA REVIEW;

Ingredients: 107401, 1-Octadecanaminium, N,N-dimethyl-N-(3-(trimethoxysilyl)propyl)-, chloride(.5%)

*** Data Package Information ***

Expedite: ☐ Yes ☒ No

Date Sent: 27-Feb-2013

Due Back: _____

DP Ingredient: 107401, 1-Octadecanaminium, N,N-dimethyl-N-(3-(trimethoxysilyl)propyl)-, chloride

DP Title: Amendment

CSF Included: ☐ Yes ☒ No

Label Included: ☐ Yes ☒ No

Parent DP #: _____

Assigned To

Date In

Date Out

Organization: AD / PSB

Last Possible Science Due Date: 21-May-2013

Team Name: CTT

Science Due Date: _____

Reviewer Name: Ian Blackwell

2/28/13

Sub Data Package Due Date: _____

Contractor Name: _____

*** Studies Sent for Review ***

No Studies

*** Additional Data Package for this Decision ***

No Additional Data Packages

*** Data Package Instructions ***

Acute Tox- Registrant has submitted an amendment to change toxicity category of this product from category III to Category IV. The registrant is citing 64881-6. Cover letter enclosed. The technical screen date is 4-1-2013.

Started review

Oiguenblik, Emilia

From: Oiguenblik, Emilia
Sent: Wednesday, April 17, 2013 12:28 PM
To: 'Kevin Kutcel'
Cc: Noble, Velma; Edwards, Dennis
Subject: 87583-3 PRIA-3 submission
Attachments: 87583-3 Preliminary Technical Screening.pdf

Dear Mr. Kutcel,

Please find an attached PDF file.

Sincerely,

Emilia Oiguenblik
Antimicrobial Division
S-8824
Telephone: 703-347-0199
Email: Oiguenblik.Emilia@epa.gov

Fee for Service

{930024I~⁷⁹

This package includes the following

☐ New Registration

☒ Amendment

☐ Studies? ☒ Fee Waiver?

☐ volpay % Reduction: 75

for Division

☒ AD

☐ BPPD

☐ RD

Risk Mgr. 31

Receipt No.

S-

930024

EPA File Symbol/Reg. No.

87583-3

Pin-Punch Date:

1/30/2013

☒ This item is NOT subject to FFS action.

Action Code:

Requested: A570

Granted: A570

Amount Due: \$ 3474⁰⁰

Parent/Child Decisions:

☒ Inert Cleared for Intended Use

☐ Uncleared Inert in Product

Reviewer: Team 1 (Denson)

Date: 1-31-13

Remarks:

PureShield, Inc.

January 22, 2013

U.S. Environmental Protection Agency
Office of Pesticide Programs (COADR)
Document Processing Desk (7504P)
One Potomac Yard – Room S4900
2777 S. Crystal Drive
Arlington, VA 22202

RE: Authorization for Representation / Agent Status

Pursuant to 40 CFR 152.50(b)(3), we hereby designate Kevin Kutcel of KRK Consulting LLC as an Authorized Agent to act in behalf of PureShield LLC with respect to all registration matters that may come before the Agency. The address of record for all matters related to FIFRA will be:


PURESHIELD INC.
c/o Kevin Kutcel
KRK Consulting LLC
5807 Churchill Way
Medina, OH 44256

Contact: Kevin Kutcel – Tel. 440-263-7305

This authorization will remain valid until further notice is given by either PureShield or KRK Consulting LLC.

If you have any questions, please contact KRK Consulting LLC at 440-263-7305.

Sincerely,


Randy Wall
CFO
PureShield, Inc.

Cc: Kevin Kutcel – KRK Consulting LLC



Kevin Kutcel

From: Katie Raich [katie@am500.com]
Sent: Friday, January 18, 2013 10:15 AM
To: Kevin Kutcel
Subject: FW: Pay.gov Payment Confirmation: PRIA Service Fees

Best Regards,
Katie Raich
International Distribution Alliance

Office: 561-747-5758
Toll Free: 888-744-5758
Fax: 561-747-5191

-----Original Message-----

From: paygovadmin@mail.doc.twai.gov
[<mailto:paygovadmin@mail.doc.twai.gov>]
Sent: Friday, January 18, 2013 10:08 AM
To: Katie Raich
Subject: Pay.gov Payment Confirmation: PRIA Service Fees

Your payment has been submitted to Pay.gov and the details are below. If you have any questions regarding this payment, please contact Pay.gov Customer Service by phone at (800) 624-1373 or by email at pay.gov.clev@clev.frb.org.

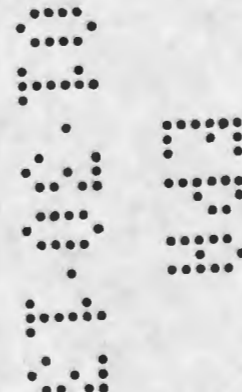
Application Name: PRIA Service Fees
Pay.gov Tracking ID: 2599NURO
Agency Tracking ID: 74400398202

Account Holder Name: Joseph Raich
Transaction Type: ACH Debit
Transaction Amount: \$869.00
Payment Date: Jan 22, 2013
Account Type: Business Checking
Routing Number: 267084199
Account Number: *****6718

Transaction Date: Jan 18, 2013 10:07:33 AM Total Payments Scheduled: 1
Frequency: OneTime

Decision Number:
Registration Number: 87583-3
Company Name: PureShield, Inc
Company Number: 87583
Action Code: A570

THIS IS AN AUTOMATED MESSAGE. PLEASE DO NOT REPLY.





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

January 31, 2013

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

OPP Decision Number: D-474589
EPA File Symbol or Registration Number: 87583-3
Product Name: BIO-PROTECT AM 50
EPA Receipt Date: 30-Jan-2013
EPA Company Number: 87583
Company Name: PURESHIELD INC

KEVIN KUTCEL
KRK CONSULTING LLC
PURESHIELD INC
5807 CHURCHILL WAY
MEDINA, OH 44256-

SUBJECT: Receipt of Amendment and 75% Small Business Waiver Request

Dear Registrant:

The Office of Pesticide Programs has received your amendment, 75% small business waiver request, and certification of payment. If you submitted data with this application, the results of the PRN-2011-3 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: A570

AMENDMENT;NON-FAST TRACK;REQUIRING DATA REVIEW;

Your request for waiver has been forwarded for review. You will be notified in writing when a determination is made regarding your request. If your waiver request is approved, the decision review time period will start on the date of approval. If your waiver request is denied, you will receive an invoice for the outstanding balance.

If you have any questions, please contact the Pesticide Registration Service Fee Ombudsman at (703) 308-6427.

Sincerely,
Teresa Downs
Front End Processing Staff
Information Technology & Resources Management Division

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21 day content review period, the Agency will reject the application and retain 25% of the fee.

B. A policy on documentation of offers to pay is still being developed, however, for a me-too or fast track (similar/identical) new product, R300 or A530, an application without the necessary authorizations of offers to pay will be placed into either R301 or A531. The Agency recommends that authorizations of offers to pay be submitted with other PRIA applications to avoid delays in the Agency's decision.

C. Biopesticide applicants are advised to contact the Agency and discuss study waivers prior to submitting their application to the Agency. Documentation of such discussions should be submitted with the study waiver.

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of these options is selected and implemented by the applicant within the 21 day content review period, the Agency will reject the application and retain 25% of the full fee of the category identified.

Conventional New Product Applications

When the Registration Division identifies an unapproved inert on a CSF with an application for a new product that the applicant has not identified as requiring an inert approval (R311, R312 or R313), it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or
2. Submit the information and data needed for the Agency to approve the unapproved inert, including any required petition to establish or amend a tolerance or exemption from a tolerance. (This option may change the PRIA category for the application, which could require a longer decision review time and a larger fee. If additional fees are due, they must be received by the Agency within the 21 day content review period.)
3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21-day content-review period, the Agency will reject the application and retain 25% of the appropriate fee for the new product-inert approval category.

PIP Applications

When the Biopesticide and Pollution Prevention Division identifies an unapproved inert on a PIP CSF and a request to approve the inert does not accompany the application, it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the spelling or name of the inert to that in 40 CFR 174, or providing documentation that the inert has been approved; or
2. Submit the information and data needed for the Agency to approve the unapproved inert. If an inert ingredient tolerance exemption petition is required, the petition must be received by the Agency and the B903 fee paid within the 21 day period. If this option is selected and implemented, the Agency will discuss harmonizing the timeframe for both actions.

PRIA 2 – 21 Day Content Screen Review Worksheet

(EPA/OPP Use Only)

21 Day Screen Start Date: 1-30-13 3/23/09

Experts In-Processing Signature: B.R. Date 2-1-13 Fee Paid: Yes

Division management contacted on issues No Yes Date

EPA Reg. Number: <u>87583-3</u>		EPA Receipt Date: <u>1-30-13</u>				
Items for Review				Yes	No	N/A*
1	Application Form (EPA Form 8570-1)(link to form) signed & complete including package type			X		
2	Confidential Statement of Formula all boxes completed, form signed, and dated (EPA Form 8570-4) (Link to form)					X
	a) All inerts (link to http://www.epa.gov/opprd001/inerts/), including fragrances, approved for the proposed uses (see Footnote A)	yes	no			
3	Certification with Respect to Citation of Data (EPA Form 8570-34) (Link to form) completed and signed (N/A if 100% repack)			X		
	Certificate and data matrix consistent			X		
	If applicant is relying on data that are compensable, is the offer to pay statement included. (see Footnote B)	yes	no			
	If applicable, is there a letter of Authorization for exclusive use only.					
4	Formulator's Exemption Statement (EPA Form 8570-27) (Link to form) completed and signed (N/A if source is unregistered or applicant owns the technical)					X
	Data Matrix (EPA Form 8570-35) (Link to form) both internal and external copies (PR 98-5) (Link to PR 98-5) completed and signed (N/A if 100% repack)			X		
5	a) Selective Method (Fee category experts use)	yes	no			
	b) Cite-All (Fee category experts use)	X				
	c) Applicant owns all data (Fee category experts use)					
6	5 Copies of Label (link to http://www.epa.gov/oppfead1/labeling/lrm/) (Electronic labels on CD are encouraged and guidance is available)(link to http://www.epa.gov/pesticides/regulating/registering/submissions/index.htm#labels)			X		

7	Is the data package consistent with PR Notice 86-5 (link to PRN 86-5)			X
8	Notice of Filing (link to http://www.epa.gov/pesticides/regulating/tolerance_petitions.htm) included with petitions (link to http://www.epa.gov/pesticides/regulating/tolerances.htm)			X
9	If applicable for conventional applications, reduced risk rationale (link to http://www.epa.gov/opprd001/workplan/reducedrisk.html)			X
10	Required Data (link to http://www.epa.gov/pesticides/regulating/data_requirements.htm) and/or data waivers. See Footnote C.			
	a) List study (or studies) not included with application			

Comments:

- * There are no studies submitted along with this application.
- * Amendment passed.

AB

* N/A – Not Applicable

Footnotes

A. During the 21 day initial content review, all CSFs will be reviewed to determine whether all inerts listed, including fragrances, are approved for the proposed uses. If an unapproved inert is identified, the applicant must either 1) resolve the inert issue by, for example, removing the inert, substituting it with an approved inert, submitting documentation that EPA approved the inert for the proposed pesticidal uses, correcting mistakes on the CSF, etc. or 2) provide the data to support OPP approval of the inert or 3) withdraw the application. Removing or substituting an inert ingredient will require a new CSF and may require submission of data. All information, forms, data and documentation resolving the inert issue must have been received by the Agency or the application withdrawn within the 21 day period, otherwise, the Agency will reject the application as described below.

To successfully complete this aspect of the 21 day initial content screen, applicants are **strongly encouraged** to verify that all inert ingredients have been approved for the application's uses **even if a product is currently registered** by consulting the inert Web

site [link to <http://www.epa.gov/oppr001/inerts/lists.html>] and if the inert is not approved, to **obtain the necessary inert approval prior to submitting an application to register a pesticide product containing that inert ingredient.** Some inert ingredients are no longer approved for food uses or certain types of uses. The name and/or CAS number on a CSF must match the name and CAS number on this web site. Simple typographical errors in the name or CAS number have resulted in processing delays.

If an inert is not listed on the inert ingredient web site and the applicant believes that the inert has been approved, the applicant should contact the Inert Ingredient Assessment Branch (IIAB) at inertsbranch@epa.gov and resolve the issue. Copies of the correspondence with IIAB resolving the issue should accompany the application. All new inerts except PIP inerts are reviewed by IIAB. The IIAB should also be contacted for any questions on what supporting data needs to be submitted for and the Agency's inert review process. Questions on PIP inerts should be directed to the Chief of Microbial Pesticides Branch [Link to http://www.epa.gov/oppb001/biopesticides/contacts_bppd.htm].

When a brand, trade, or proprietary name of an inert ingredient is listed on a CSF, additional information such as an alternate name of the inert, CAS number or other information [link to <http://www.epa.gov/oppr001/inerts/tips.pdf>] must also be included to enable the Agency to determine if it has been approved. Each component of an inert mixture (including a fragrance) must be identified. In some cases, the supplier of the mixture or fragrance may need to provide this information to the Agency. Prior to the Agency's receipt of an application, applicants must arrange with a proprietary mixture or fragrance supplier to provide the component information to the Agency or promptly upon EPA's request. If the inert ingredients in a proprietary blend (including fragrances) cannot or are not identified or provided within the 21-day content review period, the Agency will reject the application.

During the 21 day content review, applicants should submit information to the individual identified by the Agency when the applicant is informed of an unapproved inert.

Unapproved Inerts Identified on CSFs

All applications except conventional new products and PIPs

Once an unapproved inert is identified on a CSF, the Agency will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or
2. Submit the information and data needed for the Agency to approve the unapproved inert. If this option is selected and implemented, the Agency may request an extension in the PRIA decision review timeframe to accommodate the inert review/approval process;

KRK Consulting LLC

5807 Churchill Way

Medina, OH 44256

Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

January 28, 2013

US EPA (AMEND)
Office of Pesticide Programs
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: Amendment for Bio-Protect AM50 (EPA No. 87583-3)

Please accept the completed application for the amendment of the product "Bio-Protect AM50" (Reg. No. 87583-3). The sole purpose of this amendment is to change the acute toxicity category of this product from Category III to Category IV. Therefore the proposed attached label has removed the signal word, the first aid statements and the precautionary statements. No other changes have been made to this label. To support this amendment, the applicant is citing the acute toxicity data submitted by AEGIS Environmental Management in support of Reg. No. 64881-6 that contains the same active ingredient at a slightly higher percentage of 0.84%. This same acute toxicity data was also cited in the original submission of this product (Reg. No. 87583-3), but unfortunately the label incorrectly reflected a Category III instead of Category IV at that time. This amendment is a correction of that oversight. The applicant has sent a letter to AEGIS Environmental Management offering compensation for the permission to cite the acute toxicity data.

Within this packet, the following information is included:

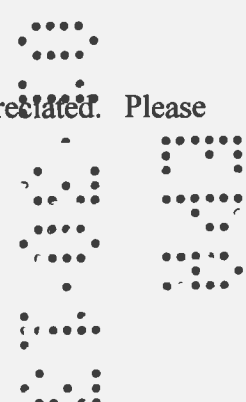
1. Receipt for a payment of \$869.00 with tracking ID 74400398202. This payment was based on the code, "A570" and reflects the small business waiver reduction of 75%. Also attached is the completed application for the small business waiver along with supporting documentation.
2. Letter of authorization allowing KRK Consulting LLC to represent PureShield in all matters related to the U.S. EPA.
3. Application for this amendment includes:
 - a. Three (3) copies of proposed EPA Label reflecting the changes mentioned above.
 - b. Form 8570-1 Application Form
 - c. Form 8570-34 Certification with Respect to Citation of Data
 - f. Form 8570-35 Data Matrices (2 pages)

Your cooperation in processing this application in an expedient manner is greatly appreciated. Please call me at 440-263-7305 if you should have any questions.

Best Regards,



Kevin R. Kutcel,
Agent for PureShield Inc.





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☒ Amendment
☐ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number PureShield Inc. / 87583-3	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PureShield Inc. / Bio-Protect AM50	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) PureShield Inc. 1445 Jupiter Park Drive, #11 Jupiter, FL 33458 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Please read attached cover letter explaining the amendment to use the cited acute toxicity data so product can be acute tox category IV.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2, 4, 6, 8, 12, 16, 32 oz 1, 5, 30, 55, 275 gallons		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Kevin Kutcel	Title Consultant	Telephone No. (Include Area Code) 440-263-7305
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Consultant	
4. Typed Name Kevin Kutcel	5. Date 1/28/2013	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Kevin Kutcel
Agent for PureShield
5807 Churchill Way
Medina, Ohio 44256

APR 9 2013

Dear Mr. Kutcel:

We have recently revised the labels and found that the products, which have Registration Numbers 87583-2 and 87583-3 can be applied using a variety of application methods. However, several of the listed application methods do not contain directions on how to apply this product using the listed application methods. Specifically there are no directions on how to apply this product by padding, foam finishing and fogging.

You must add directions on how to apply this product using above application methods. Alternatively, you can remove one or more of those application methods from the label.

Revise labels either removing the application methods described above or adding appropriate directions on how to apply the product by that method. You must send revised labels to the Agency within 30 days from the date of this letter.

If you have any questions concerning this letter please contact Emilia Oiguenblik at (703) 347 0199 or Velma Noble at (703) 308-6233.

Sincerely,

Velma Noble
Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							120



United States
Environmental Protection Agency
Washington, DC 20460

Registration
Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number PureShield Inc. / 87583-3	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PureShield Inc. / Bio-Protect AM50	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) PureShield Inc. 1445 Jupiter Park Drive, #11 Jupiter, FL 33458 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated June 22, 2011
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

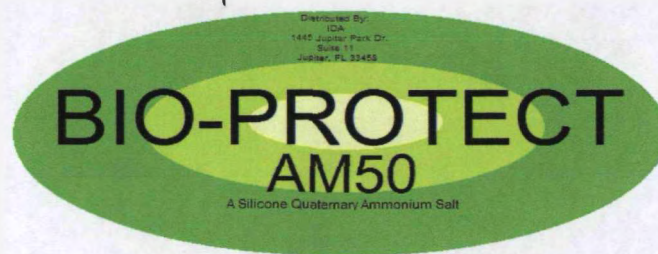
Please accept the final printed label for Reg. No. 87583-3 of "Bio-Protect AM50" per letter dated June 22, 2011.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted				<input type="checkbox"/> Plastic	
	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2, 4, 6, 8, 12, 16, 32 oz 1, 5, 30, 55, 275 gallons		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Kevin Kutcel		Title Consultant	
		Telephone No. (Include Area Code) 449-263-7305	
<p>Certification</p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>			
2. Signature 		3. Title Consultant	
4. Typed Name Kevin Kutcel		5. Date 7/1/2011	
6. Date Application Received (Stamped)			



Active Ingredient: 3-(trimethoxysilyl)propyldimethyloctadecyl ammonium chloride.....0.50%
Other Ingredients:99.50%
TOTAL
INGREDIENTS:100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No. 87583-3

EPA EST. No. xxxxxx-xx-xxx

NET CONTENTS: 2,4,6,8,12,16,32 oz or 1,5,30,55,275 Gallons

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
IF ON SKIN:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, absorbed through the skin, or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Wear protective eyewear (goggles or face shield) and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of Bio-Protect AM50 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of Bio-Protect AM50.

Residential use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE

Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

AM-50 can be applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging, or by using foam finishing techniques.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

AM-50 when used as a concrete additive is added directly concrete preparation. Use 60 fluid ounces per cubic feet of concrete. Addition of AM-50 reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in AM-50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. AM-50 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool

- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial appliances used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles and face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

The active ingredient in AM-50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. AM-50 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)

- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

For Pump Spray Application: Using pump sprayer, spray entire area 4"-6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. AM-50 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more AM-50 may be required due to absorption. A fan may be used to assist in drying carpet.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, and pressure sprayers) apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. AM-50 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more AM-50 may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpet.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough AM-50 solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperature or at temperatures to a maximum of 160°C (320°F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

DIRECTIONS FOR USE

For residential applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

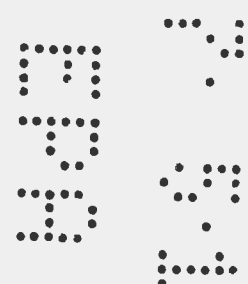
Approved residential uses

The active ingredient in AM-50 is effective against odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae as a static agent.

	Pest controlled	Method of Application
Bed sheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). AM-50 can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefin, polypropylene, rayon, silk, spandex, vinyl, and wool.	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough AM-50 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid from treated item. For larger items (e.g. bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>

	Pest controlled	Method of Application
Air filters and air filter material for: <ul style="list-style-type: none"> • Furnaces, air conditioners • Air purification systems • Automobiles • Recirculating air handling systems • Vacuum cleaner filters • Aquariums 	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	SPRAY: When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Carpeting	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted AM-50 solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. AM-50 treats approximately 200 square feet per gallon (50 square feet per quart). When treating coarser substrates (e.g., wool carpeting), more AM-50 may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

	Pest controlled	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefin, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon, or wool	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tents, tarpaulins, wood, sails, ropes.	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	<p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p> <p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough AM-50 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	Pest	Method of Application

	controlled	
Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats)	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	SPRAY: Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface, making sure the surface is completely covered. After applying AM-50, let stand until dry. AM-50 treats approximately 200 square feet of roofing per gallon (50 square feet per quart). If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Buffer pads (polishing and abrasive), polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, Formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Using a trigger pump sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. <div>  </div>

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Inhibits the growth of odor causing bacteria between cleanings.

Inhibits the growth of bacteria which cause staining and discoloration between cleanings.

Inhibits the growth of fungi (mold and mildew) between cleanings.

Inhibits the growth of algae between cleanings.

Inhibits the growth of odor causing bacteria which cause staining and discoloration, fungi (mold and mildew), and algae between cleanings.

Mold, mildew, odor protector and inhibitor.

AM-50 is an antimicrobial agent effective against odor causing bacteria.

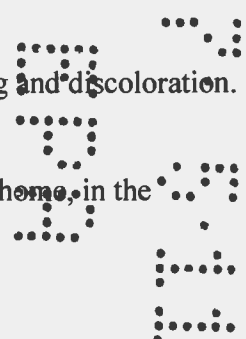
AM-50 is an antimicrobial agent effective against bacteria which cause staining and discoloration.

AM-50 is an antimicrobial agent effective against fungi (mold and mildew).

AM-50 is an antimicrobial agent effective against algae.

AM-50, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.



AM-50, and antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow in even the cleanest of homes.

AM-50, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces made of fiberglass, glazed porcelain, Formica, stainless steel, synthetic marble.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

For 5 gallons or less:

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Securely wrap original container in several layers of newspaper and discard in trash or offer for recycling if available.

Containers larger than 5 gallons

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING INTERNATIONAL DISTRIBUTION ALLIANCE AT 1445 JUPITER PARK DRIVE, SUITE 11, JUPITER, FL 33458.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

International Distribution Alliance warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

INTERNATIONAL DISTRIBUTION ALLIANCE DA SPECIFICALLY DISCLAIMS ANY OTHER EXPRESSED OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.

Material Sent for Data Extraction

Reg # 87583-3

Description: _____

☒ Material(s) Sent to Data Extraction Contractors:

☐ New Stamped Label Dated _____

☒ 2 Notification(s) Dated Aug. 4/2011

☐ New CSF(s) Dated 452661 ; 452108.

☐ Other: _____

☐ Decision #: _____

☐ Other Action/Comments: _____

Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer: Emilia Oiguenblik

Phone: 347-0199 Division: AD

Date: _____

Kevin Kutcel
Agent for PureShield, Inc.
KRK Consulting, LLC
5807 Churchill Way
Medina, OH 44256

AUG - 4 2011

SUBJECT: Bio-Protect AM 50
EPA Registration Number: 87583-3
Application Date: July 1, 2011
Receipt Date: July 5, 2011

Dear Mr. Kutcel:

This letter acknowledges receipt of the notification identified above submitted under provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended and PR Notice 98-10.

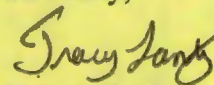
- Propose the additional brand name: Bio-Protect RTU.

Based on a review of the submitted information, this notification is acceptable. Your proposed additional brand name will be made part of the record for this file.

General Comments

Should you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347-0109 or Velma Noble at (703) 308-6233.

Sincerely,

for 
Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

Bio-Protect RTU

Active Ingredient: 3-(trimethoxysilyl)propyldimethyloctadecyl ammonium chloride.....0.50%
Other Ingredients:99.50%
TOTAL
INGREDIENTS:100.00%

KEEP OUT OF REACH OF CHILDREN
CAUTION

EPA Reg. No. 87583-3

EPA EST. No. xxxxx-xx-xxx

NET CONTENTS: 2,4,6,8,12,16,32 oz or 1,5,30,55,275 Gallons

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
IF ON SKIN:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

PureShield, 1445 Jupiter Park Drive, Suite 11, Jupiter, FL 33458



NOTIFICATION
Date Reviewed: 08/04/2011
Reviewed By: E. O'Brien

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, absorbed through the skin, or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Wear protective eyewear (goggles or face shield) and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of Bio-Protect AM50 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of Bio-Protect AM50.

Residential use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE

Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

AM-50 can be applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging, or by using foam finishing techniques.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

AM-50 when used as a concrete additive is added directly concrete preparation. Use 60 fluid ounces per cubic feet of concrete. Addition of AM-50 reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in AM-50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. AM-50 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool

- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial appliances used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles and face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

The active ingredient in AM-50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. AM-50 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)

- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

For Pump Spray Application: Using pump sprayer, spray entire area 4'-6' from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. AM-50 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more AM-50 may be required due to absorption. A fan may be used to assist in drying carpet.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, and pressure sprayers) apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. AM-50 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more AM-50 may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpet.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough AM-50 solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperature or at temperatures to a maximum of 150°C (320°F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

DIRECTIONS FOR USE

For residential applications

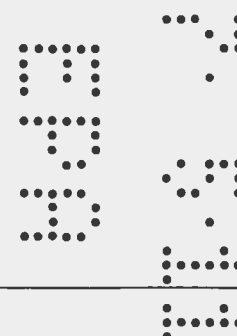
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved residential uses

The active ingredient in AM-50 is effective against odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae as a static agent.

	Pest controlled	Method of Application
Bed sheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). AM-50 can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefin, polypropylene, rayon, silk, spandex, vinyl, and wool.	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough AM-50 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid from treated item. For larger items (e.g. bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>

	Pest controlled	Method of Application
Air filters and air filter material for: <ul style="list-style-type: none"> • Furnaces, air conditioners • Air purification systems • Automobiles • Recirculating air handling systems • Vacuum cleaner filters • Aquariums 	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	SPRAY: When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Carpeting	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted AM-50 solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. AM-50 treats approximately 200 square feet per gallon (50 square feet per quart). When treating coarser substrates (e.g., wool carpeting), more AM-50 may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.



	Pest controlled	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefin, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon, or wool	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tents, tarpaulins, wood, sails, ropes.	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	<p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p> <p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough AM-50 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	Pest	Method of Application

	controlled	
Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats)	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	SPRAY: Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface, making sure the surface is completely covered. After applying AM-50, let stand until dry. AM-50 treats approximately 200 square feet of roofing per gallon (50 square feet per quart). If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Buffer pads (polishing and abrasive), polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, Formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Using a trigger pump sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Inhibits the growth of odor causing bacteria between cleanings.

Inhibits the growth of bacteria which cause staining and discoloration between cleanings.

Inhibits the growth of fungi (mold and mildew) between cleanings.

Inhibits the growth of algae between cleanings.

Inhibits the growth of odor causing bacteria which cause staining and discoloration, fungi (mold and mildew), and algae between cleanings.

Mold, mildew, odor protector and inhibitor.

AM-50 is an antimicrobial agent effective against odor causing bacteria.

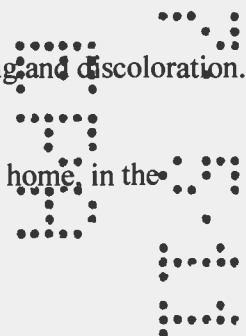
AM-50 is an antimicrobial agent effective against bacteria which cause staining and discoloration.

AM-50 is an antimicrobial agent effective against fungi (mold and mildew).

AM-50 is an antimicrobial agent effective against algae.

AM-50, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.



AM-50, and antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow in even the cleanest of homes.

AM-50, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces made of fiberglass, glazed porcelain, Formica, stainless steel, synthetic marble.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

For 5 gallons or less:

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Securely wrap original container in several layers of newspaper and discard in trash or offer for recycling if available.

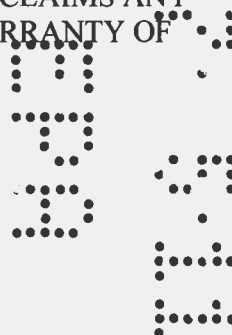
Containers larger than 5 gallons

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING INTERNATIONAL DISTRIBUTION ALLIANCE AT 1445 JUPITER PARK DRIVE, SUITE 11, JUPITER, FL 33458.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

International Distribution Alliance warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use. INTERNATIONAL DISTRIBUTION ALLIANCE DA SPECIFICALLY DISCLAIMS ANY OTHER EXPRESSED OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.



KRK Consulting LLC

5807 Churchill Way

Medina, OH 44256

Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

July 1, 2011

US EPA (NOTIF)

Office of Pesticide Programs

Room S-4900, One Potomac Yard

2777 South Crystal Drive

Arlington, VA 22202-4501

Subject: PR Notice 1998-10 Notification for ABN (EPA No. 87583-3)

Please accept the attached 3 copies of the revised label for Reg. No. 87583-3 with the alternate brand name "Bio-Protect RTU" per PR Notice 1998-10.

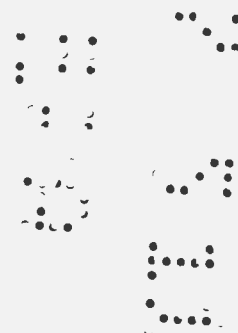
Attached is EPA Form 8570-1 regarding this notification as required in PR Notice 1998-10. This notification is consistent with the guidance in PR Notice 1998-10 and the requirements of EPA's regulations at 40 CFR 156.46, 156.140, 156.144, 156.146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for PureShield Inc. and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards,



Kevin R. Kutcel,
Agent for PureShield Inc.





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number PureShield Inc. / 87583-3	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PureShield Inc. / Bio-Protect AM50	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) PureShield Inc. 1445 Jupiter Park Drive, #11 Jupiter, FL 33458 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Please accept the alternate brand name for Reg. No. 87583-3 of "Bio-Protect RTU" per PR Notice 98-10. Please see attached cover letter for required compliance statement regarding this PR Notice.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted				<input type="checkbox"/> Plastic	
	If "Yes" Unit Packaging wgt.	No. per container		<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2, 4, 6, 8, 12, 16, 32 oz 1, 5, 30, 55, 275 gallons		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Kevin Kutcel		Title Consultant	
		Telephone No. (Include Area Code) 440-263-7305	
<p align="center">Certification</p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>			
2. Signature 		3. Title Consultant	
4. Typed Name Kevin Kutcel		5. Date 7/1/2011	
6. Date Application Received (Stamped)			

Kevin Kutcel
Agent for PureShield, Inc.
KRK Consulting, LLC
5807 Churchill Way
Medina, OH 44256

AUG - 4 2011

SUBJECT: Bio-Protect AM 50
EPA Registration Number: 87583-3
Application Date: July 12, 2011
Receipt Date: July 15, 2011

Dear Mr. Kutcel:

This letter acknowledges receipt of the notification identified above submitted under provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended and PR Notice 98-10.

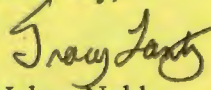
- Propose the additional brand name: Black by Trophy Quest.

Based on a review of the submitted information, this notification is acceptable. "Gear Guard" and "Microbiostatic Agent" are acceptable claims for this product. In future notifications clearly highlight all new changes made on the label.

General Comments

Should you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347-0109 or Velma Noble at (703) 308-6233.

Sincerely,

for 

Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

BLACK

BY TROPHYQUEST

GEAR GUARD

MICROBIOSTATIC AGENT *
A Silicone Quaternary Ammonium Salt

Active Ingredient: Octadecylaminodimethyltrihydroxysilyl propyl ammonium chloride..... .05%
Other Ingredients:99.95%
TOTAL
INGREDIENTS: 100%

KEEP OUT OF REACH OF CHILDREN
Caution

EPA Reg. No.87583-3

EPA EST.

NET CONTENTS: 2, 4, 8, 16, 20, 22, or 36 fluid oz.; 1, 5, 55, 150, or 300 gal.

Lot No. _____

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
IF ON SKIN:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.

NOTIFICATION
Date Reviewed: 8/4/11
Reviewed By: E. B. G. 11/11

*A microbiostatic agent is an agent that inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.
This product does not protect users or others against food-borne or disease-causing bacteria.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, absorbed through the skin, or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Wear protective eyewear (goggles or face shield) and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of Black can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of Black.

Homeowner use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE

Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

BLACK can be applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging, or by using foam finishing techniques.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply BLACK every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

BLACK when used as a concrete additive is added directly concrete preparation. Use 60 fluid ounces per cubic feet of concrete. Addition of BLACK reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in BLACK is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. BLACK can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wood/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas

- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

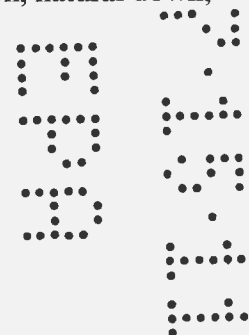
Approved commercial application used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles and face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved commercial applications in homes, offices, automobiles, and institutions e.g., schools, hospitals, day care centers, banks, churches, correctional facilities

The active ingredient in BLACK is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. BLACK can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester



- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wood/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefin's, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

For Pump Spray Application: Using pump sprayer, spray entire area 4"-6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. BLACK treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more BLACK may be required due to absorption. A fan may be used to assist in drying carpet.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, and pressure sprayers) apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. BLACK treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more BLACK may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpet.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough BLACK solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperature or at temperatures to a maximum of 160°C (320°F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply BLACK every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

DIRECTIONS FOR USE

For Residential Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

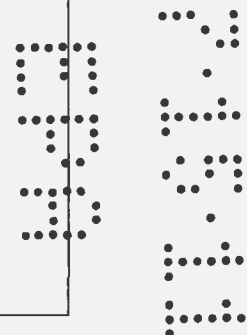
Approved Residential Uses

The active ingredient in BLACK is effective against odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae as a static agent.

	Pest controlled	Method of Application
Bed sheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos).	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough BLACK solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid from treated item. For larger items (e.g. bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). If necessary,



BLACK can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefin, polypropylene, rayon, silk, spandex, vinyl, and wool.		<p>reapply BLACK every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply BLACK every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>
	Pest controlled	Method of Application
<p>Air filters and air filter material for:</p> <ul style="list-style-type: none"> • Furnaces, air conditioners • Air purification systems • Automobiles • Recalculating air handling systems • Vacuum cleaner filters • Aquariums 	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	<p>SPRAY: When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply BLACK every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>



	Pest controlled	Method of Application
Carpeting	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted BLACK solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. BLACK treats approximately 200 square feet per gallon (50 square feet per quart). When treating coarser substrates (e.g., wool carpeting), more BLACK may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply BLACK every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefin, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary,



upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon, or wool		reapply BLACK every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tents, tarpaulins, wood, sails, ropes.	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	<p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply BLACK every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p> <p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough BLACK solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply BLACK every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>

	Pest controlled	Method of Application
Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats)	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	SPRAY: Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface, making sure the surface is completely covered. After applying BLACK, let stand until dry. BLACK treats approximately 200 square feet of roofing per gallon (50 square feet per quart). If necessary, reapply BLACK every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Buffer pads (polishing and abrasive), polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply BLACK every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Using a trigger pump sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply BLACK every three months or when odor, staining and discoloration due



sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, Formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl		to bacteria, mold stains, and mildew stains return.
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Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Inhibits the growth of odor causing bacteria between cleanings.

Inhibits the growth of bacteria which cause staining and discoloration between cleanings.
 Inhibits the growth of fungi (mold and mildew) between cleanings.
 Inhibits the growth of algae between cleanings.
 Inhibits the growth of odor causing bacteria which cause staining and discoloration, fungi (mold and mildew), and algae between cleanings.
 Mold, mildew, odor protector and inhibitor.
 BLACK is an antimicrobial agent effective against odor causing bacteria.
 BLACK is an antimicrobial agent effective against bacteria which cause staining and discoloration.
 BLACK is an antimicrobial agent effective against fungi (mold and mildew).
 BLACK is an antimicrobial agent effective against algae.
 BLACK, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.
 Bacteriostatic, fungistatic (mold and mildew), algaestatic.
 BLACK, and antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow in even the cleanest of homes.
 BLACK, an antimicrobial agent, inhibits the growth of odor causing bacteria.
 Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.
 Effective on modern hard non-porous washable surfaces made of fiberglass, glazed porcelain, Formica, stainless steel, synthetic marble.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **[For homeowner use the statement will read: "Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site."]**

Non-Residential Use Container Disposal for containers larger than 5 gallons: Non-refillable container. Do not refill or reuse this container. Triple rinse (or equivalent) promptly after emptying. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

[For residential use statement will read: "Container Disposal for containers 5 gallons or less: Securely wrap original container in several layers of newspaper and discard in trash."]

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING INTERNATIONAL DISTRIBUTION ALLIANCE AT 1445 JUPITER PARK DRIVE, SUITE 11, JUPITER, FL 33458.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

International Distribution Alliance warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use. INTERNATIONAL DISTRIBUTION ALLIANCE DA SPECIFICALLY DISCLAIMS ANY OTHER EXPRESSED OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.



KRK Consulting LLC

5807 Churchill Way

Medina, OH 44256

Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

July 12, 2011

US EPA (NOTIF)

Office of Pesticide Programs

Room S-4900, One Potomac Yard

2777 South Crystal Drive

Arlington, VA 22202-4501


Subject: PR Notice 1998-10 Notification for ABN (EPA No. 87583-3)

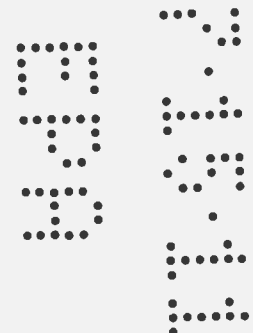
Please accept the attached 3 copies of the revised label for Reg. No. 87583-3 with the alternate brand name "Black by Trophy Quest" per PR Notice 1998-10.

Attached is EPA Form 8570-1 regarding this notification as required in PR Notice 1998-10. This notification is consistent with the guidance in PR Notice 1998-10 and the requirements of EPA's regulations at 40 CFR 156.46, 156.140, 156.144, 156.146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for PureShield Inc. and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards,


Kevin R. Kutcel,
Agent for PureShield Inc.





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number PureShield Inc. / 87583-3	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PureShield Inc. / Bio-Protect AM50	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) PureShield Inc. 1445 Jupiter Park Drive, #11 Jupiter, FL 33458 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in responses to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Please accept the alternate brand name for Reg. No. 87583-3 of "Black by Trophy Quest" per PR Notice 98-10. Please see attached cover letter for required compliance statement regarding this PR Notice.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted				<input type="checkbox"/> Plastic	
	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	<input type="checkbox"/> Glass	
			No. per container	<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2, 4, 8, 16, 20, 22, 36 oz. 1.5, 5.5, 150, 300 gallons		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Kevin Kutcel	Title Consultant	Telephone No. (Include Area Code) 440-263-7305
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment, or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Consultant	
4. Typed Name Kevin Kutcel	5. Date 7/12/2011	

Material Sent for Data Extraction

Reg # 87583-6 (87583-3)

Description: _____

☒ Material(s) Sent to Data Extraction Contractors:

☒ New Stamped Label Dated 06/22/2011

☐ Notification Dated _____

☒ New CSF(s) Dated 4/15/11

☐ Other: _____

☒ Decision #: 445934

☐ Other Action/Comments: _____

Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer: E. Diquenblik

Phone: 347-0199 Division: AD

Date: June 23, 2011

Created February 2, 2011



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

**U.S. ENVIRONMENTAL PROTECTION
AGENCY**

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg.

Number:

87583-3

Date of

Issuance:

JUN 22 2011

Term of Issuance:

Unconditional

Name of Pesticide Product:

Bio-Protect AM 50

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

PureShield, Inc
1445 Jupiter Park, Suite 1
Jupiter, FL 33458

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product (Decision No.445934) is unconditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 87583-3".

Signature of Approving Official

Velma Noble
Product Manager Team-31
Regulatory Management Branch I
Antimicrobials Division (7510P)

Tracy Lantz for

Date:

JUN 22 2011

CONCURRENCES

SYMBOL

EPA Form 8570-6

SURNAME

DATE

b. Revise the last statement on page 1 adding the language "*This product does not protect users or others against food-borne or disease-causing bacteria*".

c. Change the **Precautionary Statement** on page 2 of the label to read: "*Harmful if swallowed, absorbed through the skin, or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Wear protective eyewear (goggles or face shield) and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet*".

d. Revise the 1st statement on page 3 to read: AM50 when used as a concrete additive is added directly concrete preparation. Use 60 fluid ounces...".

e. On page 5 under **For Commercial Spray Applications** revise language to read: "AM 50 treats approximately 200 square feet *per diluted gallon of water*".

f. On page 6 revise the subheading **For Homeowner Applications** to read: ***For Residential Applications***.

h. On page 6 revise the subheading **Approved Homeowner Uses** to read: ***Approved Residential Uses***. In this same section, delete the language "AM 50 can be used as a final bacteriostatic finish on the following items to impact bacteriostatic/fungistatic (mold and mildew) activity", because this product may be reapplied every three months.

i. Revise the language on page 9 to read: "Buffer pads (polishing and abrasive) polyurethane *and cellulose* for household sponges and mops...".

k. On page 11 revise the 4th statement from the top to read: "Effective on modern hard non-porous surfaces *made of fibreglass*..."

l. Revise the Container Disposal sections on page 11 as follow:

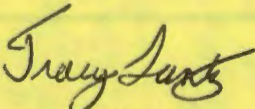
- Change "For Residential Use" for "*Containers 5 gallons or less*".
- Change "Nonresidential Use" for "*For Containers larger than 5 gallons*". Change the Container Disposal statement for this section to read: "Nonrefillable container. Do not refill or reuse this container. Triple rinse (or equivalent) promptly after emptying. Then offer *for recycling if available or puncture and dispose of a sanitary landfill, or by incineration*".

General Comments

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. Submit one (1) copy of your final printed labeling prior to release of this product for shipment. If you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347 0199 or Velma Noble at (703) 308-6233

Sincerely,


for Velma Noble
Product Manager 31
Regulatory Branch I
Antimicrobials Division (7510P)

Enclosure: (Stamped Label)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 22 2011

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 87583-3



Active Ingredient: 3-(trihydroxysilyl)propyldimethyloctadecyl ammonium chloride.....0.50%
Other Ingredients:99.50%
TOTAL
INGREDIENTS:100.00%

KEEP OUT OF REACH OF CHILDREN
CAUTION

EPA Reg. No. 87583-G

EPA EST. No. xxxxxx-xx-xxx

NET CONTENTS: 2,4,6,8,12,16,32 oz or 1,5,30,55,275 Gallons

FIRST AID	
Have the product container or label with you when calling a poison control center or a doctor, or going for treatment.	
IF IN EYES:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.• Call poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
IF ON SKIN:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything by mouth to an unconscious person.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

~~CAUTION: Causes moderate eye irritation. Avoid contact with eyes and skin. Harmful if absorbed through skin or inhaled. Avoid breathing vapors or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.~~

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of Bio-Protect AM50 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of Bio-Protect AM50.

Residential use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE

Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

AM-50 can be applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging, or by using foam finishing techniques.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

AM-50 when used as a concrete additive is added directly concrete preparation. Use ~~40~~ fluid ounces per cubic feet of concrete. Addition of AM-50 reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in AM-50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. AM-50 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wood/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers

- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Woman's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial appliances used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles and face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

The active ingredient in AM-50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. AM-50 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered

- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, wood, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wood/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefin's, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

For Pump Spray Application: Using pump sprayer, spray entire area 4"-6"s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. AM-50 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more AM-50 may be required due to absorption. A fan may be used to assist in drying carpet.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, and pressure sprayers) apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. AM-50 treats approximately 200 square feet. When treating coarser substrates, more AM-50 may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpet.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough AM-50 solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperature or at temperatures to a maximum of 160°C (320°F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If

necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

DIRECTIONS FOR USE

~~For homeowner applications~~

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

~~Approved homeowner uses~~

The active ingredient in AM-50 is effective against odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae as a static agent. AM-50 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

	Pest controlled	Method of Application
Bed sheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). AM-50 can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefin, polypropylene, rayon, silk, spandex, vinyl,	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough AM-50 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid from treated item. For larger items (e.g. bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to</p>

and wool.		bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Air filters and air filter material for: <ul style="list-style-type: none"> • Furnaces, air conditioners • Air purification systems • Automobiles • Recirculating air handling systems • Vacuum cleaner filters • Aquariums 	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	SPRAY: When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Carpeting	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted AM-50 solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. AM-50 treats approximately 200 square feet per gallon (50 square feet per quart). When treating coarser substrates (e.g., wool carpeting), more AM-50 may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

	Pest controlled	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefin, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon, or wool	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tents, tarpaulins, wood, sails, ropes.	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	<p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p> <p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough AM-50 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>

	Pest controlled	Method of Application
Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats)	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	SPRAY: Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface, making sure the surface is completely covered. After applying AM-50, let stand until dry. AM-50 treats approximately 200 square feet of roofing per gallon (50 square feet per quart). If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Buffer pads (polishing and abrasive), polyurethane for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, Formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Using a trigger pump sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply AM-50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Inhibits the growth of odor causing bacteria between cleanings.

Inhibits the growth of bacteria which cause staining and discoloration between cleanings.

Inhibits the growth of fungi (mold and mildew) between cleanings.

Inhibits the growth of algae between cleanings.

Inhibits the growth of odor causing bacteria which cause staining and discoloration, fungi (mold and mildew), and algae between cleanings.

Mold, mildew, odor protector and inhibitor.

AM-50 is an antimicrobial agent effective against odor causing bacteria.

AM-50 is an antimicrobial agent effective against bacteria which cause staining and discoloration.

AM-50 is an antimicrobial agent effective against fungi (mold and mildew).

AM-50 is an antimicrobial agent effective against algae.

AM-50, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

AM-50, and antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow in even the cleanest of homes.

AM-50, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces like fiberglass, glazed porcelain, Formica, stainless steel, synthetic marble.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

~~For Residential Use~~

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Securely wrap original container in several layers of newspaper and discard in trash or offer for recycling if available.

~~Nonresidential Use (Containers larger than 5 gallons)~~

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Dispose of rinsate as pesticide waste. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING INTERNATIONAL DISTRIBUTION ALLIANCE AT 1445 JUPITER PARK DRIVE, SUITE 11, JUPITER, FL 33458.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

International Distribution Alliance warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use. INTERNATIONAL DISTRIBUTION ALLIANCE DA SPECIFICALLY DISCLAIMS ANY OTHER EXPRESSED OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.

D 445934

S 891263

87583-6

0.5% Silane
quats.

A 530

paid? yes

amount: \$290

Precautionary Statements: Harmful is swallowed, absorbed through the skin, or inhaled. Causes moderate eye irritation, Avoid contact with eyes, skin, and clothing. Wear protective eyewear (goggles or facemask) and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

~~need 75 day letter?~~
~~Ask Tracy today.~~ ↓

Sent on 4/6/2011

(of 4/15/11)
new CSF is OK - similar to 70871-18 (yes)
check all data citations chem, tox
~~needed~~ (no efficacy data needs to be cited.)

→ Need revised formulator's exception to agree
w/ CSF dated 4/15/11

→ permission letter for chemistry OK
is he ~~also~~ offering to pay for tox?
Signal Word + Precautionary Statements
Should agree w/ label for
64881-6 - include in
reg. notice as label comments

Finish looking at data comp - are chemistry
studies acceptable studies? Finish
checking tox. ↓ studies OK yes

Start date:

3/23/11

due date:

6/23/11

87683-G

1)

a New revised form - 8570-27
Formulator's Exemption

which agrees with 4/15/11 CSF

2. Mr. Ketch sent the same form ~~8570-27~~ with the
same mistake ~~8570-27~~
06.09.2011 Product name should be ~~Bioprotect 7200~~
12:15 p.m. BioShield AM 5000

we need to
tell Kevin
this:

Data Matrix

we need public file copy

Does Inheld own the tox studies? - No ~~Aegis~~ Aegis
studies

If using cite all we need list of data
submitters

64881-6

0.84%

107401

2005

will support - but
he needs
to pay

same for all 6 acutes

he needs a list of all
data docs on this
chemical. - if
using cite all

if using selective method
get rid of
all "cite all"
references

alternatively correct data
conform +
data matrix to
be selective - no
reference to "cite all"
on either.

done

fix label to correct AI statement.

3-trihydroxysilyl/...

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 19 2004

Mr. Timothy C. Moses
Senior VP
Nova BioGenetics, Inc.
8601 Dunwoody Pl., Suite 338
Atlanta, GA 30350

*Used this label
as a guide*

SUBJECT: BST Protectant RTU 50
EPA Registration Number: 75497-4
Application Dated: April 1, 2004
Receipt Date: April 20, 2004

Dear Mr. Timothy C. Moses:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable subject to the conditions listed below.

- Correct name of Active Ingredient as per Agency request

Conditions

In future submissions to the Agency, list all packaging sizes on the Application for Pesticide such that the application is in agreement with the label for this product.

Make the following revisions to the label:

1. As per PR Notice 2001-1 add the following statement to the First Aid section of the label: "Have the product container or label with you when calling a poison control center or a doctor, or going for treatment."
2. Correct the Directions for Use in Commercial and Industrial Applications by revising to agree with the last stamped label to read: "Use 60 fluid ounces per cubic feet of concrete."
3. Add the following clarification in each instance (3 times) that this language appears on your label: "Polyurethane and cellulose foam for household, industrial and institution sponges and mops" or simply "and cellulose" referring to the foam to be treated in the Approved Residential Use section.

CONCURRENCES

SYMBOL	7510C							
SURNAME	J. Lantz							
DATE	5/19/04							

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

4. Delete the following surfaces from the Approved commercial applications in homes, offices, automobiles..." as they are not appropriate for these sites:

"Concrete additive for sewer pipes, manholes..."

"Concrete additive for repair and renewal of sewer pipes..."

"Non-woven disposable diapers"

"Pre-moistened towelettes and tissue wipes..."

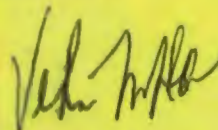
5. Revise the bullet on page 9 as follows: "Effective on modern hard non-porous washable surfaces *made of* fiberglass, glazed porcelain..."

6. Revise the Container Disposal statement to read exactly as follows such that the appropriate language is used for metal containers: "Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or *by other procedures approved by state and local authorities.*"

General Comments

A stamped copy of the accepted labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510C)

Enclosure: Stamped Label
7510C:T.Lantz:5/17/04:75497-4a

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

Nova BioGenetics
BIO-PHARMACEUTICALS

ACCEPTED

With COMMENTS

EPA Label Dated:

MAY 19 2004

MAY 19 2004

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. **75497-4**

BST Protectant RTU 50**MICROBIOSTATIC AGENT***

Active Ingredient:	Octadecylaminodimethyltriethoxysilyl propyl ammonium chloride.....	0.50%
Other Ingredients:	99.50%
TOTAL		
INGREDIENTS:	100.00%

KEEP OUT OF REACH OF CHILDREN
CAUTION

Lot No. _____

EPA Reg. No. 75497-4

EPA EST. xxxxx-GA-xx

NET CONTENTS: 2, 4, 8, 16, 20, 22, 32 or 36 fluid oz.; 0.5, 1, 5, 55, 150, 300, or 450 gal.

FIRST AID**IF ON SKIN:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call poison control center or doctor for treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

* A microbiostatic agent is an agent that inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

add,

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes and skin. Harmful if inhaled or absorbed through the skin. Avoid breathing vapors or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of BST Protectant RTU 50 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of BST Protectant RTU 50.

Residential use: This pesticide is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of pesticide. Do not apply directly to water.

DIRECTIONS FOR USE

Approved commercial and industrial applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

BST Protectant RTU 50 can be applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging or by using foam finishing techniques.

The substrate can be dried at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.

BST Protectant RTU 50 when used as a concrete additive is added directly during concrete preparation. Use 40 fluid ounces per cubic feet of concrete. Addition of BST Protectant RTU 50 reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in BST Protectant RTU 50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. BST Protectant RTU 50 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials - defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas

- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

**Approved commercial applications in homes, offices, automobiles and institutions
e.g., schools, hospitals, daycare centers, churches, correctional facilities**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

The active ingredient in BST Protectant RTU 50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. BST Protectant RTU 50 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants

- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials - defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

For Pump Spray Application: Using pump sprayer, spray entire area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. One gallon of BST Protectant RTU 50 treats approximately 200 square feet. When treating coarser substrates, more BST Protectant RTU 50 may be required due to absorption. A fan may be used to assist in drying carpeting.

For Commercial Spray Application: For commercial application equipment (i.e., carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers) apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. One gallon of BST Protectant RTU 50 treats approximately 200 square feet. When treating coarser substrates, more BST Protectant RTU 50 may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough BST Protectant RTU 50 to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.

DIRECTIONS FOR USE For residential applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved residential uses

The active ingredient in BST Protectant RTU 50 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent.

	Pest controlled	Method of Application
Bedsheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). BST Protectant RTU 50 can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, spandex, vinyl, and wool	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	<p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough BST Protectant RTU 50 to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid from treated item. For larger items (e.g., bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>
	Pest controlled	Method of Application
Air filters and air filter material for <ul style="list-style-type: none"> • Furnaces, air conditioners • Air purification systems • Automobiles • Recirculating air handling systems • Vacuum cleaner filters • Aquariums 	Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	<p>SPRAY: When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>

	Pest controlled	Method of Application
Carpeting	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add BST Protectant RTU 50 directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. BST Protectant RTU 50 treats approximately 200 square feet per gallon (50 square feet per quart). When treating coarser substrates (e.g., wool carpeting), more BST Protectant RTU 50 may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon or wool	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return.
	Pest controlled	Method of Application
Tents, tarpaulins, sails, ropes	Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	<p>SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p> <p>DIP/SOAK: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough BST Protectant RTU 50 to completely submerge item. Keep item in solution for three minutes. Remove item and</p>

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site. **[residential use]**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **[commercial/industrial use]**

Container Disposal: Securely wrap original container in several layers of newspaper and discard in trash. **[residential use]**

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. **[commercial/industrial use]**

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING NOVA BIOGENETICS, INC. AT 8601 DUNWOODY PL., STE. 338, ATLANTA, GA 30350.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

Nova BioGenetics, Inc., warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use. NOVA BIOGENETICS SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.

		wring excess liquid. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats)	Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	SPRAY: Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface making sure the surface is completely covered. After applying BST Protectant RTU 50, let stand until dry. BST Protectant RTU 50 treats approximately 200 square feet of roofing per gallon (50 square feet per quart). If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.
	Pest controlled	Method of Application
Buffer pads (polishing and abrasive), Polyurethane for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	SPRAY: Using a trigger pump sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply BST Protectant RTU 50 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Inhibits the growth of odor causing bacteria between cleanings.

Inhibits the growth of bacteria which cause staining and discoloration between cleanings.

Inhibits the growth of fungi (mold and mildew) between cleanings.

Inhibits the growth of algae between cleanings.

Inhibits the growth of odor causing bacteria which cause staining and discoloration, fungi (mold and mildew), and algae between cleanings.

Mold, mildew, odor protector and inhibitor.

BST Protectant RTU 50 is an antimicrobial agent effective against odor causing bacteria.

BST Protectant RTU 50 is an antimicrobial agent effective against bacteria which cause staining and discoloration.

BST Protectant RTU 50 is an antimicrobial agent effective against fungi (mold and mildew).

BST Protectant RTU 50 is an antimicrobial agent effective against algae.

BST Protectant RTU 50, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

BST Protectant RTU 50, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

BST Protectant RTU 50, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces like fiberglass, glazed porcelain, Formica®, stainless steel, synthetic marble.

Explore Registrations

Reg Number: 87583-G

Reg. Type: Product Registration - Section 3

Status: Under Review (02-Mar-2011)

Name: BIO PROTECT AM50

<View Registration Details>

(No New Receipts)

S	Submission Type	OPP Rec'd Date	Resubmission	Description

...Decisions...

Data Requirements

D: Closed; 445935; 87583-G;W075;SMALL BUS

D: Pending; 445934; 87583-G;A530;ME-TOO;N

Decision Sequence: 445934

Action: A530

ME-TOO;NEW PRODUCT;FAST TRACK;

Number: 87583-G

Original Decision:

Name: BIO PROTECT AM50

Decision Status: PENDING (03-Mar-2011)

Organization Owner: AD / RMB1

Team Owner: RM 31

FFS Start Date: 23-Mar-2011

Received by Risk Manager:

Due Date: 23-Jun-2011

FFS Amt Expected: \$290

Negotiated Due Date:

FFS Amt Refunded:

FFS Amt Received: \$290

Comments:

Fee for Service

W
{891263)~

This package includes the following

☒ New Registration

☐ Amendment

☐ Studies? ☒ Fee Waiver?

☐ volpay % Reduction: _____

for Division

☒ AD

☐ BPPD

☐ RD

Risk Mgr.

31

Receipt No.

S-

891263

EPA File Symbol/Reg. No.

87583-G

Pin-Punch Date:

3/2/2011

☐ This item is NOT subject to FFS action.

Action Code:

Requested:

A530

Granted:

A530

Amount Due: \$ 1,159

Parent/Child Decisions:

Inerts approved for non-food use. S.S/03-10-11
☒ Inert Cleared for Intended Use

☐ Uncleared Inert in Product

Reviewer: Team 1

Date: 3/3/11

Remarks:

ISB'S Front-end PRIA Completeness Screen

Draft 3; 10/25/07

EPA Receipt Date: MAR 02 2011		EPA Reg. Number: 87583-G		
	Check List Item	Yes	No	N/A
1	Has the PRIA Fee been Paid ; is a copy of the check or Pay.gov receipt included in the Submission Package? (FW)	X		
2	Is an Application Form (EPA Form 8570-1) Included in the Submission Package, is it completely filled out and signed including package type?	X		
3	Is a Confidential Statement of Formula (EPA Form 8570-29) Included in the Submission Package, is it completely filled out and signed (boxes 1-21)?	X		
4	Is a Formulator's Exemption Statement (EPA Form 8570-27) Included in the Submission Package?	X		
5	Is a Certification with Respect to Citation of Data (EPA Form 8570-34) Included in the Submission Package?	X		
6	Is a Data Matrix (EPA Form 8570-35) Included in the Submission Package?	X		
7	Is a Label Included in the Submission Package?	X		
8	Are Data Included in the Submission Package?			
9	Is the Submission an Amendment?			

Receipt for Section 3

S: 891263

Regulatory Type: Product Registration - Section 3

Application Type: New Registration

Company: 87583 PURESIELD INC

Risk Manager: Antimicrobials Division, Risk Management Team 31

Product #: 87583-G

Product Name: BIO PROTECT AM50

Override#:

Me Too Section3:

Me Too Product Name:

Application Date: 01-Mar-2011

Front End Date: 02-Mar-2011

FFS Due Date:

OPP Target Date:

Fast Track:

Receipt Description: Application for registration of new product

Form A:

Signature Date:

Resubmission: Yes No

Fee For Service: Yes No

Billable: Yes No

V

OPP Rec'vd Date: 02-Mar-2011

Risk Manager Send Date:

Negotiated Due Date:

New Ingredient:

New Ingredient Request Date:

New Ingredient Received Date:

Form B:

Signature Date:

Print Letter

Enter More Information

Tracking

Receipt Content

CSF

Paper Label

View/Edit

FEE FOR SERVICE

**Summary Information For
Product Registration - Section 3
86200-1**

Registration #: 86200-1
Registration Name: [TILE DOCTOR SHIELD](#)
Company: [86200 - TILE MEDIA PROPERTIES](#)
Current Status: [Active - Conditionally Registered \(02-Mar-2010\)](#)
Restricted Use: No

Active Ingredients

PC Code	CAS #	Ingredient Name	Percent Active
107403	199111-50-7	1-Octadecanaminium,N,N-dimethyl-N-[3-(trihydroxysilyl)propyl],chloride	.84
Total Rows: 1			

Organization: AD / RMB1
Team: Antimicrobials Division, Risk Management Team 31
Noble, Velma (703) 308-6233
Child Resistant Package: Product Involve CRP? N/A
CRP Status? N/A
CRP Certificate Acceptable? N/A
CRP Certificate Decision Date: N/A
Withdraw Date (if voluntary): N/A
Signal Word: Unknown
Physical Form:
Pesticide Category: FUNGICIDE
ALGAECIDE
BACTERIOCIDE/BACTERIOSTAT
Label Image: [View Label Image](#)

Inert Ingredients

[EPA Home](#) | [OPP-Home](#) | [Search](#) | [Help](#)

Last updated on December 22, 2009, Version 1.10
<https://prism.epa.gov/pls/prism10p>

3066

MASTER LABEL - Label Amendment filed 8.4.10

Note to reviewer: Bold, italicized text is information for the reader and is not part of the label. [Bracketed text] is optional text.
Text separated by "/" indicates and/or options.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

TILE DOCTOR SHIELD

NOV 2 - 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 86300-1

[A SILANE QUATERNARY AMMONIUM SALT]

EPA Reg. No. 86200-1

EPA Est. 84324-GA-001

ACTIVE INGREDIENT:

3(trihydroxysilyl) propyldimethyl octadecyl ammonium chloride..... 0.84%

INERT INGREDIENTS: 99.16%

TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN

LOT NO.

NET CONTENTS

Tile Media Properties
2727 Paces Ferry Rd. SE
Bldg 2, Ste 1680
Atlanta, GA 30338

Correct the
label of
87583-G
to agree with

ENVIRONMENTAL HAZARDS:

Commercial and Industrial Uses:

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA

De-activation may be required during clean up if a spill occurs. De-activation of Tile Doctor Shield can be achieved by the addition of an anionic surfactant or detergent (such as soap, sulfones, or sulfates) in quantity equivalent to that of the active ingredient.

Residential Uses:

This pesticide is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of pesticide. Do not apply directly to water.

For All Uses:

For chemical emergency ONLY (spill, leak, fire, exposure or accident), call CHEMTREC at 800-424-9300.

PRODUCT FEATURES AND BENEFITS

Tile Doctor Shield imparts durable biostatic activity to the surface of a wide variety of substrates.

Tile Doctor Shield is effective against mold, mildew and algae as a static agent.

Increased efficiency - through proper application, durable bacteriostatic, fungistatic and algistatic surfaces can be attained with a minimum amount of Tile Doctor Shield.

Provides freshness and combats deterioration and discoloration caused by bacteria, fungi and algae.



RE: 87583-G

Kevin Kutcel to: Emilia Oiguenblik
Cc: Tracy Lantz, Velma Noble

06/09/2011 05:06 PM

History: This message has been replied to.

Dear Ms. Oiguenblik,

Per our phone conversation, attached is amended documentation regarding all the discussed changes pertaining to 87583-G. Please advise if you need anything further.

Warm Regards,

Kevin Kutcel
KRK Consulting LLC
5807 Churchill Way
Medina, OH 44256
Tel: 440-263-7305
Fax: 440-398-0476
E-mail: kevinkutcel@gmail.com

-----Original Message-----

From: Oiguenblik.Emilia@epamail.epa.gov
[mailto:Oiguenblik.Emilia@epamail.epa.gov]
Sent: Thursday, June 09, 2011 11:22 AM
To: Kevin Kutcel
Cc: Lantz.Tracy@epamail.epa.gov; Noble.Velma@epamail.epa.gov
Subject: 87583-G

Dear Mr. Kutcel!

Please send us a new revised form 8570-27 (Formulator's Exemption) which agrees with CSF dated 4/15/2011.
May be we will ask you more questions today,

Sincerely,

Emilia Oiguenblik
PYS-8824
703-347-0199

KRK Consulting LLC

5807 Churchill Way

Medina, OH 44256

Tel: 440-263-7305

E-mail: kutcel@zoominternet.net

April 15, 2011

Ms. Emilia Oiguenblik
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

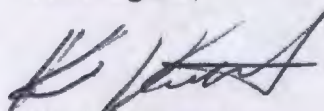
Subject: OPP Decision Number D 445934
Product Name: Bio-Protect AM50
EPA File Symbol: 87583-G

In response to the letter dated April 6, 2011, please accept the revised Confidential Statement of Formula (Form 8570-4) for the product, "Bio-Protect AM50". Unlike the previously submitted Confidential Statement of Formula for this application; the formulation, the active ingredient and the source of the active ingredient is identical to the Confidential Statement of Formula for the cited product, "BST Protectant 50" (Reg. No. 70871-18). Since the formulations are identical, PureShield Inc. would like to rely upon the product chemistry data submitted in support of Reg. No. 70871-18 to fulfill the product chemistry requirements for this submission. This would apply to the OPPTS series 830 for both group A and group B product specific chemistry.

In addition, on the attached data matrices, a complete toxicology series has been cited that meets the requirements for the 870 series for toxicology data requirements. This toxicology was submitted in support of "AEGIS 444-02 RTU" (Reg. No. 64881-6), which contains the same active ingredient as File Symbol 87583-G, but at a slightly higher percentage (0.84%). I believe the citation of this toxicology should be sufficient because it meets the requirements for Toxicity Category IV as viewed by the label compared to Toxicity Category III stated on the proposed label for File Symbol 87583-G, even though the percent of the active ingredient is lower (0.50%).

Your cooperation in handling this registration in a timely manner is most appreciated.

Best Regards,



Kevin R. Kutcel,
Agent for PureShield Inc.



Fw: 87583-G
Emilia Oiguenblik to: kutcel
Cc: Velma Noble, Tracy Lantz

04/14/2011 11:41 AM

Dear Mr. Kutcel,

We are still waiting for your response to letter send 04/07/2011 10:20 AM,

Emilia Oiguenblik
PYS-8824
703-347-0199

— Forwarded by Emilia Oiguenblik/DC/USEPA/US on 04/14/2011 11:38 AM —

From: Emilia Oiguenblik/DC/USEPA/US
To: kutcel@zoominternet.net
Cc: Velma Noble/DC/USEPA/US@EPA, Tracy Lantz/DC/USEPA/US@EPA
Date: 04/07/2011 10:20 AM
Subject: 87583-G

Dear Mr. Kutcel,
In a few days you will receive a hard copy of this letter via regular mail.
For any questions please contact me or Velma Noble.

Sincerely,

Emilia Oiguenblik
PYS-8824
703-347-0199



- 87583-G.pdf



87583-G

Kevin Kutcel to: Emilia Oiguenblik
Cc: Velma Noble, Tracy Lantz, "Joe Raich", "Randy Wall"

04/13/2011 08:20 PM

History: This message has been replied to.

In response to the e-mail below, please accept the corrected label for File Symbol 87583-G that is in agreement with Reg. No. 70871-18 and also meets the conditions pertaining to the 5/19/04 letter for Reg. No. 75497-4.

Kevin Kutcel
KRK Consulting LLC
5807 Churchill Way
Medina, OH 44256
Tel: 440-263-7305
Fax: 440-398-0476
E-mail: kevinkutcel@gmail.com

-----Original Message-----

From: Oiguenblik.Emilia@epamail.epa.gov
[mailto:Oiguenblik.Emilia@epamail.epa.gov]
Sent: Tuesday, April 12, 2011 4:19 PM
To: kutcel@zoominternet.net
Cc: Noble.Velma@epamail.epa.gov; Lantz.Tracy@epamail.epa.gov
Subject: Fw: 87583-G

In addition to the information requested below please submit a revised label which is in agreement with the approved label for 70871-18. See PDF below for 75497-4 dated 5/19/04. Look at this label and add all the sites listed on NovaBiogenetics' pages 4 and 5. Also revise your new label to be in agreement with the conditions specified in the 5/19/04 letter.

Emilia Oiguenblik
PYS-8824
703-347-0199

----- Forwarded by Emilia Oiguenblik/DC/USEPA/US on 04/12/2011 04:00 PM

From: Emilia Oiguenblik/DC/USEPA/US
To: kutcel@zoominternet.net
Cc: Velma Noble/DC/USEPA/US@EPA, Tracy Lantz/DC/USEPA/US@EPA
Date: 04/07/2011 10:20 AM
Subject: 87583-G

Dear Mr. Kutcel,
In a few days you will receive a hard copy of this letter via regular mail.
For any questions please contact me or Velma Noble.

Sincerely,

Emilia Oiguenblik

PYS-8824

703-347-0199

[attachment "87583-G.pdf" deleted by Emilia Oiguenblik/DC/USEPA/US]



Fw: 87583-G
Emilia Oiguenblik to: kutcel
Cc: Velma Noble, Tracy Lantz

04/12/2011 04:19 PM

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[Untitled].pdf

Emilia Oiguenblik
PYS-8824
703-347-0199

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[attachment "87583-G.pdf" deleted by Emilia Oiguenblik/DC/USEPA/US]



87583-G

Emilia Oiguenblik to: kutcel

Cc: Velma Noble, Tracy Lantz

04/07/2011 10:20 AM

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For any questions please contact me or Velma Noble.

Sincerely,

Emilia Oiguenblik

PYS-8824

703-347-0199



- 87583-G.pdf

OPP Decision Number D 445934

Kevin R. Kutcel
 PURESHIELD INC
 KRK Consulting LLC
 5807 Churchill Way
 Medina, OH 44256

APR - 6 2011

Subject: Application for Registration
 Product Name: Bio-Protect AM50
 EPA File Symbol: 87583-G
 Application Date: 01 March, 2011
 EPA Receipt Date: 02 March, 2011

Dear Ms. Kutcel:

Our records indicate that the decision review period for EPA to make a determination regarding the above referenced application ends on June 23, 2011 as pursuant to the Pesticide Registration Improvement Act (PRIA). The application has been determined, pursuant to 40 CFR 152.105, not to be sufficiently complete to process; therefore, the application is considered deficient. You are permitted 75 days to respond to the deficiencies listed below before the Agency withdraws your application. Therefore you must contact the Agency by June 21, 2011 to explain how you will address the deficiencies along with a mutually agreed upon renegotiated PRIA due date or receive a determination not to grant your application.

If, after 75 days from the date of this letter, you do not respond, or you subsequently fail to complete the application within the time scheduled for completion, the Agency will terminate any action on the application, and will treat the application as if it has been withdrawn by the applicant. This action would result in your submission being removed from the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and PRIA. Any subsequent submission relating to the application must be submitted as a new PRIA application and ~~subsequent~~ **subsequent**

SYMBOL							
SURNAME							
DATE							

Address the following deficiencies:

You have indicated that you wish to rely on product chemistry data submitted in support of Reg. #70871-18. We have compared your formulation with the formulation of 70871-18 and have found that your product is not similar enough for both products to rely on the same chemistry data. The source of active ingredient differs as do the inerts. Thus adequate chemistry data has not been provided. The OPPTS series 830 requirements for group A and B product specific chemistry have not been met. This data must be reviewed and found acceptable in order to support this registration.

You have indicated that you wish to rely on 44789800 to support the acute toxicity data requirements. This is a transmittal document not an actual study. Please provide specific MRIDs for each acute toxicity data requirement, use the cite all method of support or provide acute toxicity studies for review.

These deficiencies must be corrected before the Agency can proceed further with this application. You are urged to contact the Agency before April 22, 2011 and commit to a schedule to resolve the deficiencies including your proposed re-negotiated due date for this PRIA action.

You have the following two options.

1. Resolve the issue(s). You may resolve the issues identified in this letter by submitting a reply to the Agency by April 22, 2011 with information as how you plan to address the deficiencies. Please include your proposed re-negotiated PRIA due date and the date you expect to submit the fix at this time. Your re-negotiated PRIA due date must include the date that you expect to submit the fix plus an additional 90-days for Agency review. Should you decide to submit the studies or provide a bridging argument please renegotiate for 120 days beyond the date of the fix. If no other issues arise as a result of your response to this letter or during our review process, and the information is found to be acceptable, it is the Agency's expectation that resolution of the deficiencies will result in the granting of your application.

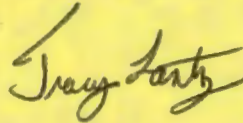
2. Withdraw the applications. Alternatively, you may notify us not later than April 22, 2011 that you are withdrawing your applications. As noted above, withdrawal concludes the Agency's review of your application. Should you choose to resubmit your application, it would be subject to a new deadline for making a determination on your application and a new registration service fee.

3. Do nothing. If you do not respond to this letter by June 1, 2011 or if you do not wish to re-negotiate the PRIA deadline, the Agency will issue a determination not to grant your application. A determination not to grant your application would remove your application from the provisions of PRIA.

Subsequent re-submissions would require a new PRIA application and fee. Because this determination is not a denial under section 3(c) (6) of FIFRA, you may request that EPA issue a formal denial under procedures outlined in section 3(c) (6) of FIFRA and 40 CFR § 152.118. The process includes publication of a notice of denial in the Federal Register and a possible public hearing. If the request for a formal denial is not received 75 days from the date of this letter, the Agency will administratively withdraw the submission pursuant to 40 CFR 152.105.

If you have questions concerning this letter, please contact Emilia Oiguenblik at 703 347 0199 or Velma Noble at 703 308 6233.

Sincerely,



Velma Noble
Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510P)

81583-6

Antimicrobials Division
New Chemical Identification Process

1. The AD PRIA Assessment Form (attached) has been modified to require the following information:

Are there currently registered pesticide products for each active ingredient in this product?

(If) Yes, this product **does not** contain a **new pesticide chemical** and should be processed under another PRIA Code. List at least one reg.number for each active ingredient in this product:

yes: _____, _____, _____.

(If) No, each active ingredient that is **not currently registered** is considered a **new pesticide chemical**. List the new chemical name(s) _____.

Complete this form; notify your PM & Branch Chief; present this application at the next AD PRIA Assessment Meeting; notify Front End Processing; notify the applicant.

2. AD holds bi-weekly regulatory meetings to discuss all incoming PRIA actions, and comes to consensus
3. By answering the above question AD will be able to determine if there are currently active registrations for each active ingredient in a newly received PRIA Application.
4. If a pesticide chemical (PC) code number has been previously assigned for a new chemical and no products were subsequently registered, or all registered products were subsequently cancelled they will be identified. In either of the two instances this pending new application would be classified as a new chemical even if initially miscoded by the Front-end Processing Group.
5. A reviewer would use the following process to determine if there are registered products for an active ingredient:
 - a. Go into OPPIN Query
 - b. Choose "Ingredient" search
 - c. Type in the chemical code number, and click search
 - d. Choose "Registrations" from the menu options at the left of the screen
 - e. OPPIN Query will then provide a list of all registration numbers containing this active ingredient, or show that there are no registrations for the pesticide chemical code other than the pending application one is working on at present.

active

Part 2

- a. If there are currently registered registrations, the reviewer can choose the "Unique Site/Pest" menu option to identify the current use patterns for the registered and pending products containing the active ingredient.



*no additional
sites / pest
and same
rate.*

PRIA Assessment Form

PRIA Meeting Date 4/19/2011
Reviewer/Team# Emilia Diquenblik

Company Name: Rare Shield, Inc Product Name Bio-Protect AM 50
Reg.# 67583-6 Decision # D445934 PRIA Code (Months) 530 (3 months)
PRIA Code Description: substantially similar, no data or only chemistry data
EPA Receive Date 3/2/2011 Tentative Due Date (+21 days) 06/23/2011
Fee Amount \$ 1159 Fee Waiver Requested (Y/N) Y Fee Pd.(Y/N) g 290

Are there currently **registered pesticide products for each active ingredient in this product?**
(If) Yes, this product **does not** contain a **new pesticide chemical** and should be processed under another PRIA Code. List at least one reg.number for each active ingredient in this product:

yes

(If) No, each active ingredient that is **not currently registered** is considered a **new pesticide chemical**. List the new chemical name(s)

Complete this form; notify your PM & Branch Chief; present this application at the next AD PRIA Assessment Meeting; notify Front End Processing; notify the applicant.

Submission Description

Company had permission to rely on chemistry data of similar product. Products differ thus chemistry is required on this formula. Acute tox data was not adequately addressed. Sent 75 day letter on these issues on 4/6/11. We are awaiting reply. Also asked for corrected label which we have received.

Application/Amend. Form (Y/N) Y
New Labels (Y/N) Y
New CSF (Y/N) Y
✓ Formulator's Exemption Form (Y/N) +
Method of Support Form (Y/N) Y
Selective Method (Y/N) Y
Cite-All Method (Y/N) Y
EP/MUP Data Matrix (Y/N) EP
TGAI Data Matrix (Y/N) N

Ingredient Statement:
need to change the name of active ingredient to:

3(trihydroxysilyl)propyldimethyl octadecyl ammonium chloride

List of Uses on the label:
material preservative

Are all of the uses on the label approved for each of the actives on the label and source?

yes

What are the pesticidal claims? (i.e., Disinf., Sanitizer, Preservative, Microbiocide)
preservative

PRIA Assessment Form

PRIA Meeting Date _____

Data Submitted? (Y/N) N

Data Passed 86-5 Formatting? (Y/N) N

EP/MP Chemistry N

TGAI Chemistry N

EP/MP Acute Tox N

TGAI Toxicology N

EP Efficacy N

TGAI F&W N

Release Rate Study N

TGAI Fate N

Submission Deficiencies:

see previous page

Next Steps:

Waiting for the reply on 75 day letter.
Requested reply by 4/22/11.

PRIA 2 – 21 Day Content Screen Review Worksheet

(EPA/OPP Use Only)

3/23/09

21 Day Screen Start Date: 3-2-11

Experts In-Processing Signature: B. R

Date 3-4-11

Fee Paid: Yes ☒

Division management contacted on issues No ☐ Yes ☐ Date _____

EPA Reg. Number: <u>87583-G</u>		EPA Receipt Date: <u>3-2-11</u>								
Items for Review				Yes	No	N/A*				
1	Application Form (EPA Form 8570-1)(link to form) signed & complete including package type			X						
2	Confidential Statement of Formula all boxes completed, form signed, and dated (EPA Form 8570-4) (Link to form)			X						
	a) All inerts (link to http://www.epa.gov/oppr001/inerts/), including fragrances, approved for the proposed uses (see Footnote A)		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">yes</td> <td style="text-align: center;">no</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> </tr> </table>	yes	no	X				
yes	no									
X										
3	Certification with Respect to Citation of Data (EPA Form 8570-34) (Link to form) completed and signed (N/A if 100% repack)			X						
	Certificate and data matrix consistent			X						
	If applicant is relying on data that are compensable, is the offer to pay statement included. (see Footnote B)		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">yes</td> <td style="text-align: center;">no</td> </tr> <tr> <td></td> <td></td> </tr> </table>	yes	no					
yes	no									
	If applicable, is there a letter of Authorization for exclusive use only.									
4	Formulator's Exemption Statement (EPA Form 8570-27) (Link to form) completed and signed (N/A if source is unregistered or applicant owns the technical)			X						
5	Data Matrix (EPA Form 8570-35) (Link to form) both internal and external copies (PR 98-5) (Link to PR 98-5) completed and signed (N/A if 100% repack)			X						
	a) Selective Method (Fee category experts use)		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">yes</td> <td style="text-align: center;">no</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> </tr> </table>	yes	no	X				
	yes	no								
	X									
b) Cite-All (Fee category experts use)										
c) Applicant owns all data (Fee category experts use)										
6	5 Copies of Label (link to http://www.epa.gov/oppead1/labeling/lrm/) (Electronic labels on CD are encouraged and guidance is available)(link to http://www.epa.gov/pesticides/regulating/registering/submissions/index.htm#labels)			X						

7	Is the data package consistent with PR Notice 86-5 (link to PRN 86-5)			X
8	Notice of Filing (link to http://www.epa.gov/pesticides/regulating/tolerance_petitions.htm) included with petitions (link to http://www.epa.gov/pesticides/regulating/tolerances.htm)			X
9	If applicable for conventional applications, reduced risk rationale (link to http://www.epa.gov/opprd001/workplan/reducedrisk.html)			X
10	Required Data (link to http://www.epa.gov/pesticides/regulating/data_requirements.htm) and/or data waivers. See Footnote C.			
	a) List study (or studies) not included with application			

Comments:

- No studies associated with this submission.
- Inerts approved for non-food use.
-

- NO 86-5 REVIEW.
- JACKET PASSED.

S.S. / 03-10-11

* N/A – Not Applicable

Footnotes

A. During the 21 day initial content review, all CSFs will be reviewed to determine whether all inerts listed, including fragrances, are approved for the proposed uses. If an unapproved inert is identified, the applicant must either 1) resolve the inert issue by, for example, removing the inert, substituting it with an approved inert, submitting documentation that EPA approved the inert for the proposed pesticidal uses, correcting mistakes on the CSF, etc. or 2) provide the data to support OPP approval of the inert or 3) withdraw the application. Removing or substituting an inert ingredient will require a new CSF and may require submission of data. All information, forms, data and documentation resolving the inert issue must have been received by the Agency or the application withdrawn within the 21 day period, otherwise, the Agency will reject the application as described below.

To successfully complete this aspect of the 21 day initial content screen, applicants are **strongly encouraged** to verify that all inert ingredients have been approved for the application's uses **even if a product is currently registered** by consulting the inert Web

site [link to <http://www.epa.gov/opprd001/inerts/lists.html>] and if the inert is not approved, to **obtain the necessary inert approval prior to submitting an application to register a pesticide product containing that inert ingredient.** Some inert ingredients are no longer approved for food uses or certain types of uses. The name and/or CAS number on a CSF must match the name and CAS number on this web site. Simple typographical errors in the name or CAS number have resulted in processing delays.

If an inert is not listed on the inert ingredient web site and the applicant believes that the inert has been approved, the applicant should contact the Inert Ingredient Assessment Branch (IIAB) at inertsbranch@epa.gov and resolve the issue. Copies of the correspondence with IIAB resolving the issue should accompany the application. All new inerts except PIP inerts are reviewed by IIAB. The IIAB should also be contacted for any questions on what supporting data needs to be submitted for and the Agency's inert review process. Questions on PIP inerts should be directed to the Chief of Microbial Pesticides Branch [Link to http://www.epa.gov/oppbpd1/biopesticides/contacts_bppd.htm].

When a brand, trade, or proprietary name of an inert ingredient is listed on a CSF, additional information such as an alternate name of the inert, CAS number or other information [link to <http://www.epa.gov/opprd001/inerts/tips.pdf>] must also be included to enable the Agency to determine if it has been approved. Each component of an inert mixture (including a fragrance) must be identified. In some cases, the supplier of the mixture or fragrance may need to provide this information to the Agency. Prior to the Agency's receipt of an application, applicants must arrange with a proprietary mixture or fragrance supplier to provide the component information to the Agency or promptly upon EPA's request. If the inert ingredients in a proprietary blend (including fragrances) cannot or are not identified or provided within the 21-day content review period, the Agency will reject the application.

During the 21 day content review, applicants should submit information to the individual identified by the Agency when the applicant is informed of an unapproved inert.

Unapproved Inerts Identified on CSFs

All applications except conventional new products and PIPs

Once an unapproved inert is identified on a CSF, the Agency will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or
2. Submit the information and data needed for the Agency to approve the unapproved inert. If this option is selected and implemented, the Agency may request an extension in the PRIA decision review timeframe to accommodate the inert review/approval process;

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of these options is selected and implemented by the applicant within the 21 day content review period, the Agency will reject the application and retain 25% of the full fee of the category identified.

Conventional New Product Applications

When the Registration Division identifies an unapproved inert on a CSF with an application for a new product that the applicant has not identified as requiring an inert approval (R311, R312 or R313), it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or
2. Submit the information and data needed for the Agency to approve the unapproved inert, including any required petition to establish or amend a tolerance or exemption from a tolerance. (This option may change the PRIA category for the application, which could require a longer decision review time and a larger fee. If additional fees are due, they must be received by the Agency within the 21 day content review period.)
3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21-day content-review period, the Agency will reject the application and retain 25% of the appropriate fee for the new product-inert approval category.

PIP Applications

When the Biopesticide and Pollution Prevention Division identifies an unapproved inert on a PIP CSF and a request to approve the inert does not accompany the application, it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the spelling or name of the inert to that in 40 CFR 174, or providing documentation that the inert has been approved; or
2. Submit the information and data needed for the Agency to approve the unapproved inert. If an inert ingredient tolerance exemption petition is required, the petition must be received by the Agency and the B903 fee paid within the 21 day period. If this option is selected and implemented, the Agency will discuss harmonizing the timeframe for both actions.

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21 day content review period, the Agency will reject the application and retain 25% of the fee.

B. A policy on documentation of offers to pay is still being developed, however, for a me-too or fast track (similar/identical) new product, R300 or A530, an application without the necessary authorizations of offers to pay will be placed into either R301 or A531. The Agency recommends that authorizations of offers to pay be submitted with other PRIA applications to avoid delays in the Agency's decision.

C. Biopesticide applicants are advised to contact the Agency and discuss study waivers prior to submitting their application to the Agency. Documentation of such discussions should be submitted with the study waiver.

Inhold, LLC

February 22, 2011

U.S. Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: Inhold, LLC Letter of Authorization for PureShield, Inc. (Reg. No. 87583-)

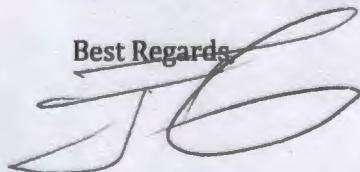
To Whom It May Concern:

The following studies are owned by Inhold, LLC (company no. 70871) and this letter grants permission for PureShield, Inc. (company no. 87583) to cite the following studies on their data matrices in support of the registration of their products, "Bio-Protect AM50".

MRID No.	Study Title
44376201	BioShield Technologies, Inc. (1997) Product Identity of BST Protectant 50. Unpublished study. 23 p.
44376202	BioShield Technologies, Inc. (1997) Certification of Limits and Analytical Method for Enforcement of Limits for BST Protectant 50. Unpublished study. 11 p.
44376203	BioShield Technologies, Inc. (1997) Physical and Chemical Properties of BST Protectant 50. Unpublished study. 4 p.
44789800	BioShield Technologies, Inc. (1999) Submission of Toxicity Data in Support of the Application for Registration of BST Protectant 50. Transmittal of 1 Study.

Please do not hesitate to contact me or our agent, Mr. Kevin Kutcel at 440-263-7305 if you should have any questions regarding this authorization.

Best Regards



Mr. Joseph Raich

1445 Jupiter Park Dr.
Suite 11
Jupiter, FL 33458

PHONE (561) 747-5758
FAX (561) 747-5191
E-MAIL info@AM500.com
WEB SITE <http://www.AM500.com>

There is an **ELECTRONIC LABEL** for this action

You can use Acrobat to compare the e-label to the previous version (and find the changes). You can also use Acrobat to mark-up the e-label with your comments.

If e-label was submitted via

CD-ROM with paper application

then you will find e-label in

Electronic Label Library

If the e-label is not found in the ELL then it was probably not named correctly and could not be entered into the ELL. However, the file can be retrieved from the CD which is retained by the Front End.

or

If e-label was submitted via

XML E-Submission (no paper)

then you will find e-label in

Documentum

See overview of processing e-labels on other side of this sheet.

If you have any questions on e-labels, please contact one of your division e-label experts:

AD	Willie Abney	308-1689
	Renae Whitaker	308-7003
	Tracy Lantz	308-6415
BPPD		
RD	Tom Harris	308-9423

*Original label
not revised
version of
4/14/11*



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, Collection Strategies Division (2822T), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the completed form to this address.

Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number PureShield Inc., 1445 Jupiter Park, Suite 1, Jupiter, FL 33458 561-747-5758	EPA Registration Number/File Symbol 87583-G
Active Ingredient(s) and/or representative test compound(s) 3-(Trimethoxysilyl)propyl dimethyl octadecyl ammonium chloride	Date 4/15/2011
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) antimicrobial	Product Name Bio-Protect AM50

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

<input type="checkbox"/> I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).	<input checked="" type="checkbox"/> I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).
--	---

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☐ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature

Date

4/15/2011

Typed or Printed Name and Title

Kevin R. Kutcel - Consultant



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0080

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 4/15/2011

EPA Reg No./File Symbol 87583-G

Page 1 of 2

Applicant's/Registrant's Name & Address

PureShield Inc., 1445 Jupiter Park, Suite 11, Jupiter, FL 33458

Product

Bio-Protect AM50

Ingredient 3-(Trimethoxysilyl)propyl dimethyl octadecyl ammonium chloride (71.2%) CAS No. 27668-52-6

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830 series	BioShield Technologies, Inc. (1997) Product Identity	44376201 X	Bioshield Technologies 7081-18	PER	
	of BST Protectant 50. Unpublished study. 23 p.		(Permission letter)		
830 series	BioShield Technologies, Inc. (1997) Certification of Limits	44376202 X	Bioshield Technologies	PER	
	and Analytical Method for Enforcement of Limits for BST		"		
	Protectant 50. Unpublished study. 11 p.				
830 series, Subgroup B	BioShield Technologies, Inc. (1997) Physical and	44376203 X	Bioshield Technologies	PER	
	Chemical Properties of BST Protectant 50.		"		
	Unpublished study. 4 p.				
870.1100	Kuhn, J. (2005) Acute Oral Toxicity Study (UDP) in Rats:	46693803 X	AEGIS Environmental Management 64881-6	pay	
	Aegis Exp-201: Final Report. Project Number: 8989/05.		acceptable		
	Unpublished study prepared by Stillmeadow, Inc. 11 p.				
870.1200	Kuhn, J. (2005) Acute Dermal Toxicity Study in Rabbits:	46693804 X	AEGIS Environmental Management	pay	
	Aegis Exp-201: Final Report. Project Number: 8990/05.				
	Unpublished study prepared by Stillmeadow, Inc. 12 p.				
Signature			Name and Title	Date	
			Kevin Kutcel - Consultant	04/15/2011	

EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

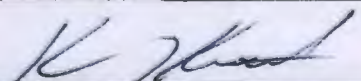


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DATA MATRIX

Date 4/15/2011		EPA Reg No./File Symbol 87583-G		Page 2 of 2	
Applicant's/Registrant's Name & Address PureShield Inc., 1445 Jupiter Park, Suite 11, Jupiter, FL 33458		Product Bio-Protect AM50			
Ingredient 3-(Trimethoxysilyl)propyl dimethyl octadecyl ammonium chloride (71.2%) CAS No. 27668-52-6					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1300	Carter, L. (2005) Acute Inhalation Toxicity Study in Rats:	46693807 X	AEGIS Environmental Management	Pay	
	Aegis Exp-201: Final Report. Project No. 8991/05				
	Unpublished study prepared by Stillmeadow, Inc. 20 p.				
870.2400	Kuhn, J. (2005) Acute Eye Irritation Study in Rabbits:	46693808 Y	AEGIS Environmental Management	Pay	
	Aegis Exp-201: Final Report. Project Number: 8992/05				
	Unpublished study prepared by Stillmeadow, Inc. 17 p.				
870.2500	Kuhn, J. (2005) Acute Dermal Irritation Study in Rabbits:	46693805 Y	AEGIS Environmental Management	Pay	
	Aegis Exp-201: Final Report. Project Number: 8993/05.				
870.2600	Kuhn, J. (2005) Skin Sensitization Study in Guinea Pigs:	46693806 Y	AEGIS Environmental Management	pay	
	Aegis Exp-201: Final Report. Project Number: 8994/05.				
	Unpublished study prepared by Stillmeadow, Inc. 18 p.				
Signature 			Name and Title Kevin Kutcel - Consultant		Date 04/15/2011

Product ingredient source information may be entitled to confidential treatment



United States
Environmental Protection Agency
Washington, DC 20460
Formulator's Exemption Statement
(40 CFR 152.85)

Applicant's Name and Address PureShield Inc. 1445 Jupiter Park, Suite 11 Jupiter, FL 33458	EPA File Symbol/Registration Number 87583-G
	Product Name Bio-Protect AM50
	Date of Confidential Statement of Formula (EPA Form 8570-4) 04/15/2011

As an authorized representative of the applicant for registration of the product identified above, I certify that:

(1) This product contains the following active ingredient(s):

[REDACTED]
3-(Trimethoxysilyl)propyl dimethyl octadecyl ammonium chloride
CAS No. 27668-52-6

(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another person and meets the requirements of 40 CFR section 158.50(e)(2) or (3).

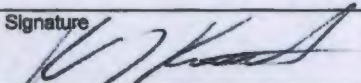
(3) Indicate by checking (A) or (B) below which paragraph applies:

☒ (A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☐ (B) The Confidential Statement of Formula (CSF)(EPA Form 8570-4) referenced above and on file with the EPA is complete, current, an accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

Source		
Active Ingredient	Product Name	Registration Number
3-(Trimethoxysilyl)propyl dimethyl octadecyl ammonium chloride (71.2%) CAS No. 27668-52-6	[REDACTED]	[REDACTED]
Signature 	Name and Title Kevin R. Kutcel / Consultant	Date 04/15/2011

EPA Form 8570-27 (Rev. 06-2004)

Copy 1 - EPA
Copy 2 - Applicant copy



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

March 3, 2011

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

OPP Decision Number: D-445934
EPA File Symbol or Registration Number: 87583-G
Product Name: BIO PROTECT AM50
EPA Receipt Date: 02-Mar-2011
EPA Company Number: 87583
Company Name: PURESHIELD INC

KEVIN KUTCEL
KRK CONSULTING LLC
PURESHIELD INC
5807 CHURCHILL WAY
MEDINA, OH 44256-

SUBJECT: Receipt of Application and 75% Small Business Waiver Request

Dear Registrant:

The Office of Pesticide Programs has received your application, 75% small business waiver request, and certification of payment. If you submitted data with this application, the results of the PRN-86-5 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

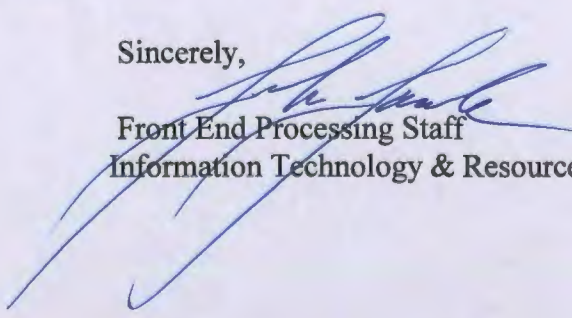
The Action has been identified as Action Code: A530

ME-TOO;NEW PRODUCT;FAST TRACK;

Your request for waiver has been forwarded for review. You will be notified in writing when a determination is made regarding your request. If your waiver request is approved, the decision review time period will start on the date of approval. If your waiver request is denied, you will receive an invoice for the outstanding balance.

If you have any questions, please contact the Pesticide Registration Service Fee Ombudsman at (703) 308-6427.

Sincerely,


Front End Processing Staff
Information Technology & Resources Management Division

Kevin Kutcel

From: "Randy Wall" <rwall@am500.com>
To: "Kevin Kutcel" <kutcel@zoominternet.net>
Sent: Sunday, January 30, 2011 2:14 PM
Subject: FW: Pay.Gov Payment Confirmation

International Distribution Alliance

Office: 561-747-5758
 Toll Free: 888-744-5758
 Fax: 561-747-5191

1445 Jupiter Park Drive, Suite 11
 Jupiter, Florida 33458
www.AM500.com

-----Original Message-----

From: paygovadmin@mail.doc.twai.gov
 [mailto:paygovadmin@mail.doc.twai.gov]
 Sent: Sunday, January 30, 2011 1:47 PM
 To: Randy Wall
 Subject: Pay.Gov Payment Confirmation

THIS IS AN AUTOMATED MESSAGE. PLEASE DO NOT REPLY.

Your transaction has been successfully completed.

Transaction Summary

Application Name: PRIA Service Fees
 Pay.gov Tracking ID: 252F7SGT
 Agency Tracking ID: 74171281950

Account Holder Name: Indusco Distribution
 Transaction Type: Sale
 Transaction Amount: \$290.00
 Billing Address: 1445 Jupiter Park 11
 City: Jupiter, FL
 State/Province: FL
 Zip/Postal Code: 33458
 Country: USA
 Card Type: Visa
 Card Number: *****2464
 Transaction Date: Jan 30, 2011 1:46:52 PM

Decision Number:
 Registration Number:
 Company Name: Pureshield Inc
 Company Number: 87583
 Action Code: A530



01/30/2011

PURESHIELD, INC.

January 31, 2011

U.S. Environmental Protection Agency
Office of Pesticide Programs (COADR)
Document Processing Desk (7504P)
One Potomac Yard – Room S4900
2777 S. Crystal Drive
Arlington, VA 22202

RE: Authorization for Representation / Agent Status

Pursuant to 40 CFR 152.50(b)(3), we hereby designate Kevin Kutcel of KRK Consulting LLC as an Authorized Agent to act in behalf of PureShield LLC with respect to all registration matters that may come before the Agency. The address of record for all matters related to FIFRA will be:

PURESHIELD INC
c/o Kevin Kutcel
KRK Consulting LLC
5807 Churchill Way
Medina, OH 44256

Contact: Kevin Kutcel – Tel. 440-263-7305

This authorization will remain valid until further notice is given by either PURSHIELD or KRK Consulting LLC.

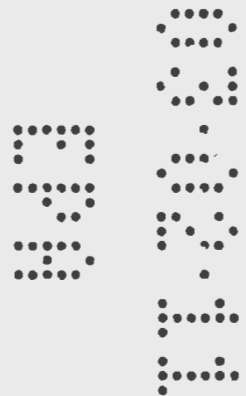
If you have any questions, please contact KRK Consulting LLC at 440-263-7305.

Sincerely,



Randy Wall
CFO
PURESHIELD INC

Cc: Kevin Kutcel – KRK Consulting LLC



KRK Consulting LLC

5807 Churchill Way

Medina, OH 44256

Tel: 440-263-7305

E-mail: kutcel@zoominternet.net

March 1, 2011

US EPA (REGFEE)
Office of Pesticide Programs
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: New "Me-Too" Registration for Bio-Protect AM50 (EPA No. 87583-)

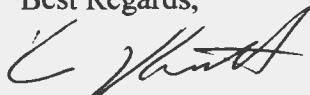
Please accept the completed application for a new registration for the product, "Bio-Protect AM50", that contains the active ingredient, 3-(Trimethoxysilyl)propyldimethyloctadecyl ammonium chloride. This application is a "Me-Too" to the product, "BST Protectant" (Reg. No. 70871-18) as both the formula and label claims are identical to this product. The applicant has permission to cite all the data that was submitted by Inhold, LLC to support the cited product, Reg. No. 70871-18. Therefore, this application is using the cite-all under the selective method in fulfilling the necessary data requirements. Since this product is identical to the cited product, product chemistry has not been submitted with the application as it is relying upon the product chemistry originally submitted by Inhold, LLC.

Within this packet, the following information is included:

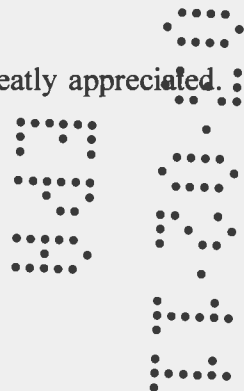
1. Receipt for a payment of \$290.00. This payment was based on the code, "A530" and reflects the small business waiver reduction of 75%. Also attached is the completed application for the small business waiver along with supporting documentation. Please note that PureShield was only incorporated on July 14, 2008. The company [REDACTED] employees and a balance sheet has been attached to show [REDACTED] in revenues to date.
2. Letter of authorization allowing KRK Consulting LLC to represent PureShield in all matters related to the U.S. EPA.
3. Application for the "Me-Too" Registration that for "Bio-Protect AM500" that includes:
 - a. 5 copies of proposed EPA Label with CD that contains pdf and doc files of proposed label.
 - b. Form 8570-1 Application Form
 - c. Form 8570-27 Formulator's Exemption
 - d. Form 8570-4 Confidential Statement of Formula
 - e. Form 8570-34 Certification with Respect to Citation of Data
 - f. Form 8570-35 Data Matrix
 - g. Letter of Authorization from Inhold LLC granting PureShield Inc. permission to cite specific studies in support of proposed registration.

Your cooperation in processing this application in an expedient manner is greatly appreciated. Please call me at 440-263-7305 if you should have any questions.

Best Regards,



Kevin R. Kutcel,
Consultant for PureShield Inc.





United States
Environmental Protection Agency
Washington, DC 20460

☒ Registration
☐ Amendment
☐ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number PureShield, Inc. / 87583- G	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PureShield, Inc. / Bio-Protect AM50	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) PureShield Inc. 1445 Jupiter Park, Suite 1 Jupiter, FL 33458 <input checked="" type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 70871-18 Product Name Bioshield AM50	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input checked="" type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Please accept this new registration for Bio-Protect AM50 that is a "Me-Too" application to Reg. No. 70871-18 "Bioshield AM500".

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2, 4, 6, 8, 12, 16, 32 oz 1, 5, 30, 55, 275 gallons		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Kevin Kutcel		Title Consultant	
		Telephone No. (Include Area Code) 440-263-7305	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Consultant	
4. Typed Name Kevin R. Kutcel		5. Date Mar 1, 2011	